
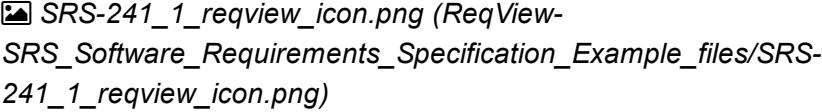


ReqView Software Requirements Specification

* ID	Description ^	Type	Status	Priority
SRS-241	 <h2>ReqView</h2> <p>Free Requirements Definition and Management Tool</p> <p> <i>SRS-241_1_reqview_icon.png (ReqView-SRS_Software_Requirements_Specification_Example_files/SRS-241_1_reqview_icon.png)</i></p>	Information	N/A	
SRS-338	<h2>1 Introduction</h2>	Section	N/A	
SRS-339	<h3>1.1 Purpose</h3>	Section	N/A	
SRS-38	This document describes functional and non-functional requirements for ReqView Desktop (https://www.reqview.com/) tool version 1.0 developed by Eccam s.r.o. (http://www.eccam.com/)	Information	N/A	
SRS-368	Purpose of this document is to provide ready to use example <i>Software Requirements Specification</i> (SRS) document based on IEEE SRS recommendation helping new users to evaluate ReqView and to learn how to gather and manage requirements in ReqView.	Information	N/A	

* ID	Description ^	Type	Status	Priority
SRS-376	This is a demo document which is not complete in all sections.	Information	N/A	
SRS-340	1.2 Document Conventions	Section	N/A	
SRS-341	1.3 Intended Audience and Reading Suggestions	Section	N/A	
SRS-369	The target audience for this document are <i>business analysts, requirements engineers, project managers or engineering executives</i> evaluating ReqView solution.	Information	N/A	
SRS-342	1.4 Product Scope	Section	N/A	
SRS-36	<i>ReqView Desktop</i> is <i>requirements gathering and management tool</i> for creation of structured requirement documents and for effective offline collaboration during requirements review or approval process.	Information	N/A	
SRS-242	You can <i>create structured documents</i> describing requirements of your product by means of rich formatted text, embedded pictures and attached documents. In ReqView you see requirements as a structured table - which takes benefits of both word processor and spreadsheet approaches so that you can work easily with document tree structure and additional requirements attributes in columns.	Information	N/A	
SRS-7	You can effectively <i>collaborate during review / approval process</i> within your project team or with your customers. ReqView allows you to discuss each requirement and, requirements status and tracks history of each changed requirement.	Information	N/A	

* ID	Description ^	Type	Status	Priority
SRS-373	You can easily customize ReqView to <i>fit any requirements engineering process</i> .	Information	N/A	
SRS-44	You can <i>import/export</i> a requirement document from/to MS Word or Excel.	Information	N/A	
SRS-371	You can <i>save ReqView documents</i> to your local filesystem and manage them under your preferred <i>version control system</i> (SVN, GIT, ...) or share them encrypted via <i>Google Drive</i> .	Information	N/A	
SRS-372	You can work with ReqView <i>offline</i> , ReqView does not send your personal or confidential project information to any server.	Information	N/A	
SRS-343	1.5 References	Section	N/A	
SRS-374	1.5.1 IEEE 830-1998 IEEE 830-1998: Recommended Practice for Software Requirements Specification (http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=5841)	Information	N/A	
SRS-344	2 Overall Description	Section	N/A	
SRS-345	2.1 Product Perspective	Section	N/A	

* ID	Description ^	Type	Status	Priority
SRS-40	<p>The following picture describes the main components of the whole ReqView solution:</p> <p> SRS-40_0_overview.png (ReqView- SRS_Software_Requirements_Specification_Example_files/SRS- 40_0_overview.png)</p>	Section	N/A	
SRS-243	<i>ReqView Desktop</i> is a rich web application allowing users to edit requirements documents.	Information	N/A	
SRS-375	<i>ReqView Mobile</i> is a planned mobile application optimized for mobile devices with small screen size and touch input.	Information	N/A	
SRS-247	<i>ReqView Synchronizer</i> is a native Windows command line application for synchronization of requirement documents between RM tools and ReqView.	Information	N/A	
SRS-346	2.2 Product Functions	Section	N/A	

* ID	Description ^	Type	Status	Priority
SRS-377	<h3>2.2.1 File Operations</h3> <ul style="list-style-type: none">• Create a new document• Open a document from local file• Save document to a local file• Encrypt documents during saving	Information	N/A	
SRS-378	<h3>2.2.2 Document Structure</h3> <ul style="list-style-type: none">• Create new document section• Add new requirement• Copy requirement or the whole section• Move section or requirement in the document structure• Delete requirement or whole section	Information	N/A	
SRS-383	<h3>2.2.3 Rich Requirement Description</h3> <ul style="list-style-type: none">• Unique ID• Section heading• Rich text requirement description• Image or file attachment	Information	N/A	
SRS-384	<h3>2.2.4 Requirement Discussion</h3> <ul style="list-style-type: none">• Add new comment• Edit or delete the last comment	Information	N/A	
SRS-382	<h3>2.2.5 Custom Requirements Attributes</h3> <ul style="list-style-type: none">• Add new custom attribute• Edit custom attribute definition• Delete custom attribute definition• Change custom attribute value for one or more selected requirements	Information	N/A	

* ID	Description ^	Type	Status	Priority
SRS-385	2.2.6 Requirements Table <ul style="list-style-type: none"> View tree document hierarchy and requirements attributes, discussion or links in table columns Table of contents Sort requirements Filter requirements 	Information	N/A	
SRS-386	2.2.7 History of Changes <ul style="list-style-type: none"> View changes of each requirement Clear history of changes 	Information	N/A	
SRS-381	2.2.8 Integration with Google Drive <ul style="list-style-type: none"> Download document from Google Drive Upload document to Google Drive 	Information	N/A	
SRS-379	2.2.9 Import Data <ul style="list-style-type: none"> Import requirements table from MS Excel Import structured requirements document from MS Word 	Information	N/A	
SRS-380	2.2.10 Reporting and Export <ul style="list-style-type: none"> Print requirements document Export requirements document to PDF Export requirements table to MS Excel Export requirements document to MS Word 	Information	N/A	
SRS-347	2.3 User Classes and Characteristics	Section	N/A	

* ID	Description ^	Type	Status	Priority
SRS-387	<h3>2.3.1 Author</h3> <p>Author gathers requirements. Author is typically a business analyst, requirements engineer, QA engineer or a project manager.</p>	Information	N/A	
SRS-388	<h3>2.3.2 Reviewer</h3> <p>Reviewer provides feedback to the Author by means of comments or dedicated requirement attributes such as Acceptance Status, Priority, etc. Reviewer can be an internal stakeholder such as a project manager or it can be an external stakeholder such as customer or supplier.</p>	Information	N/A	
SRS-390	<h3>2.3.3 Reader</h3> <p>Reader does not need to edit requirements document nor provide feedback to requirements. Reader can read requirements document in ReqView, document printout or HTML report. Reader can be for instance a developer implementing requirements or a QA engineer designing acceptance tests.</p>	Information	N/A	
SRS-389	<h3>2.3.4 Process Specialist</h3> <p>Process Specialist customize ReqView documents to fit the internal requirements engineering process, configures custom attributes and requirements traceability, creates document templates.</p>	Information	N/A	
SRS-348	<h2>2.4 Operating Environment</h2>	Section	N/A	
SRS-393	<h3>2.4.1 Web Application</h3>	Section	N/A	
SRS-398	<p>ReqView runs in user web browser as a client side web application storing all data in the browser secure application storage.</p>	Information	N/A	

* ID	Description ^	Type	Status	Priority
SRS-396	ReqView shall support the latest stable version of Google Chrome, Mozilla Firefox or Microsoft Edge browsers.	Information	N/A	
SRS-395	2.4.2 Chrome Application	Section	N/A	
SRS-399	ReqView is installed from Chrome Web Store (https://chrome.google.com/webstore/category/apps) as Chrome App and run on any desktop PC platform supporting Google Chrome browser.	Information	N/A	
SRS-401	ReqView shall support the latest stable version of Google Chrome.	Information	N/A	
SRS-349	2.5 Design and Implementation Constraints	Section	N/A	
SRS-350	2.6 User Documentation	Section	N/A	
SRS-403	2.6.1 Online Documentation Online documentation will be made available from ReqView Web Page (https://www.reqview.com/doc/welcome.html).	Information	N/A	
SRS-404	2.6.2 Knowledge Base Knowledge base articles will be made available from ReqView Support Site (http://support.reqview.com/solution/categories).	Information	N/A	
SRS-351	2.7 Assumptions and Dependencies	Section	N/A	
SRS-352	3 External Interface Requirements	Section	N/A	
SRS-353	3.1 User Interfaces	Section	N/A	

* ID	Description ^	Type	Status	Priority
SRS-354	3.2 Hardware Interfaces	Section	N/A	
SRS-355	3.3 Software Interfaces	Section	N/A	
SRS-293	User shall be able to use the application on Windows, Linux and OSX.	Interface Req.	Implemented	Medium
SRS-295	User shall be able to use the application without installation of any additional SW except the web browser.	Interface Req.	Implemented	Medium
SRS-356	3.4 Communications Interfaces	Section	N/A	
SRS-405	ReqView shall use REST API to download / upload a requirements document from / to Google Drive web service.	Interface Req.	Implemented	Medium
SRS-406	The data exchange via Internet shall be done via encrypted https protocol.	Interface Req.	Implemented	Medium
SRS-357	4 System Features	Section	N/A	
SRS-55	4.1 File Operations This section describes ReqView Desktop file operations.	Section	N/A	
SRS-253	4.1.1 Create New Document	Feature	Implemented	High
SRS-254	User shall be able to create a new empty document.	Functional Req.	Implemented	High
SRS-255	User shall be able to save the current document containing unsaved changes when creating a new document.	Functional Req.	Implemented	High

* ID	Description ^	Type	Status	Priority
SRS-62	4.1.2 Open Local File	Feature	Implemented	High
SRS-72	User shall be able to open a document file stored on a local user's drive.	Functional Req.	Implemented	High
SRS-411	User shall be able to save the current document containing unsaved changes when opening another document.	Functional Req.	Implemented	Medium
SRS-63	4.1.3 Save Local File	Feature	Implemented	High
SRS-73	User shall be able to save modified document as a file stored on user's local drive.	Functional Req.	Implemented	High
SRS-409	4.1.4 Document Template	Feature	N/A	Low
SRS-408	User shall be able to save the current ReqView document as a template file stored on user's local drive.	Functional Req.	Implemented	Low
SRS-410	The template file shall contain information about document structure, definition of custom attributes and traceability definition.	Functional Req.	Implemented	Low
SRS-407	User shall be able to create a new document using a predefined or custom template.	Functional Req.	Implemented	Low
SRS-64	4.1.5 Encryption	Feature	Implemented	
SRS-74	User shall be able to encrypt saved file by a strong industry standard encryption and with a user defined password.	Functional Req.	Implemented	Low
SRS-261	4.1.6 Google Drive	Feature	Implemented	Low

* ID	Description ^	Type	Status	Priority
SRS-262	User shall be able to authorize ReqView with his Google Drive.	Functional Req.	Implemented	Low
SRS-263	User shall be able to open a document stored on user's Google Drive by providing its name.	Functional Req.	Implemented	Low
SRS-264	User shall be able to save the current document to user's Google Drive providing its name and password for encryption.	Functional Req.	Implemented	Low
SRS-265	User shall be able to upload a new version of a document opened from user's Google drive.	Functional Req.	Implemented	Low
SRS-331	4.1.7 Import	Feature	Implemented	Medium
SRS-333	User shall be able to import a structured requirements document from MS Word.	Functional Req.	Implemented	Medium
SRS-334	User shall be able to import a table from MS Excel.	Functional Req.	Implemented	Medium
SRS-332	4.1.8 Export	Feature	Implemented	Medium
SRS-335	User shall be able to export document to PDF with the same layout as displayed in the Requirements Table.	Functional Req.	Implemented	Medium
SRS-336	User shall be able to export ReqView document to HTML using a custom template.	Functional Req.	Implemented	Medium
SRS-337	User shall be able to export ReqView document to MS Word.	Functional Req.	Implemented	Medium

* ID	☰ Description ^	⚙ Type	⚙ Status	⚙ Priority
SRS-56	<h2>4.2 Data Presentation</h2> <p>This section describes ReqView document presentation in the ReqView Desktop.</p>	Section	N/A	
SRS-52	<h3>4.2.1 Table of Contents</h3>	Feature	Implemented	High
SRS-75	User shall be able to show and hide Table of Contents (TOC) containing overall document structure visualized as a tree.	Functional Req.	Implemented	High
SRS-223	User shall be able to navigate in the document by clicking at TOC sections.	Functional Req.	Implemented	High
SRS-53	<h3>4.2.2 Requirements Table</h3>	Feature	Implemented	High
SRS-76	User shall be able to review requirements organized into a table containing at Requirement ID, Requirement Description, Discussion, Links and custom requirement attribute columns.	Functional Req.	Implemented	High
SRS-77	ID column shall contain a unique identifier.	Functional Req.	Implemented	High
SRS-78	Description column shall contain the section number, heading, requirement text and requirement attachments.	Functional Req.	Implemented	High
SRS-248	Discussion column shall visualize comments related to the requirement. Each comment shall contain its author, date and text.	Functional Req.	Implemented	High
SRS-412	Links column shall contain list of incoming and outgoing links grouped by link type.	Functional Req.	Implemented	High

* ID	☰ Description ^	⚙ Type	⚙ Status	⚙ Priority
SRS-139	User shall be able to change width of each column in the Requirements Table.	Functional Req.	Implemented	High
SRS-249	User shall be able to show / hide each Requirements Table column except ID and Description columns.	Functional Req.	Implemented	High
SRS-330	User shall be able to sort all columns of the Requirements Table except Discussion and Links column by ascending or descending order. Description column shall be sorted only ascending by document hierarchy order.	Functional Req.	Implemented	Medium
SRS-413	4.2.3 Attributes Panel	Feature	Implemented	Low
SRS-414	User shall be able to display and hide Attributes Panel containing list of custom attributes of the selected requirement in the Requirements Table.	Functional Req.	Implemented	Low
SRS-60	4.2.4 Discussion Panel	Feature	Implemented	Low
SRS-80	User shall be able to display and hide Discussion Panel containing all comments for the selected requirement in the Requirement Table.	Functional Req.	Implemented	Low
SRS-83	Comments in the discussion shall be sorted by date in ascending order.	Functional Req.	Implemented	Low
SRS-81	Each comment shall display date, author and the comment description.	Functional Req.	Implemented	Low
SRS-86	User shall be able to expand and collapse all comments in Discussion panel.	Functional Req.	Implemented	Low
SRS-418	4.2.5 Links Panel	Feature	Implemented	Low

* ID	Description ^	Type	Status	Priority
SRS-419	User shall be able to display and hide Links panel containing list of all incoming and outgoing links related to the selected requirement in the Requirements Table grouped by link types.	Functional Req.	Implemented	Low
SRS-250	4.2.6 History Panel	Feature	Implemented	Medium
SRS-251	User shall be able to display and hide History panel containing all changes for a selected requirement in the Requirements Table.	Functional Req.	Implemented	Medium
SRS-252	User shall be able to expand and collapse all changes in the History Panel.	Functional Req.	Implemented	Medium
SRS-54	4.3 Edit Operations This section describes document edit capabilities of ReqView Desktop.	Section	N/A	
SRS-318	4.3.1 Document Structure Document consists of objects organized into a tree structure. Each object can represent requirement, section heading, test, information or another type of information.	Feature	Implemented	High
SRS-319	User shall be able to insert a new object before, after or as a child of a selected requirement.	Functional Req.	Implemented	High
SRS-320	User shall be able to copy a selected object including its children before, after or as a child of another object.	Functional Req.	Implemented	High
SRS-321	User shall be able to move selected objects including their children before, after or as child of another object.	Functional Req.	Implemented	High

* ID	Description ^	Type	Status	Priority
SRS-322	User shall be able to mark a requirement including all its children as deleted.	Functional Req.	Implemented	High
SRS-323	User shall be able to undelete a selected requirement including all its children.	Functional Req.	Implemented	High
SRS-324	User shall be able to permanently remove selected deleted requirements or all deleted requirements from document.	Functional Req.	Implemented	High
SRS-313	4.3.2 Internal Requirement Attributes	Feature	Implemented	High
SRS-314	User shall be able to edit object heading.	Functional Req.	Implemented	High
SRS-315	User shall be able to edit requirement text description using following rich text formatting: <ul style="list-style-type: none"> • bold, italic, underline or strikethrough text • numbered list • bullet list • increase or decrease list indent • URL link 	Functional Req.	Implemented	High
SRS-57	4.3.3 Custom Requirement Attributes	Feature	Implemented	High
SRS-275	User shall be able to define custom object attributes presented as extra columns in the Requirements Table.	Functional Req.	Implemented	High
SRS-276	Each custom object attribute shall have one of following types: bool, int, real, string, date, enum, xhtml.	Functional Req.	Implemented	High

* ID	☰ Description ^	⚙ Type	⚙ Status	⚙ Priority
SRS-278	Each custom object attribute can have a text field presented to the user as column heading.	Functional Req.	Implemented	High
SRS-277	Each custom object attribute can be set as read only in which case user shall be prevented of changing its value for any requirement.	Functional Req.	Implemented	High
SRS-58	4.3.4 Comments	Feature	Implemented	High
SRS-82	User shall be able to add a new comment for the selected object in Requirements Table.	Functional Req.	Implemented	High
SRS-224	New comments shall be stored with the current date and time, and author contact details - name, email and company (see User Settings).	Functional Req.	Implemented	High
SRS-266	4.3.5 Attachments	Feature	Implemented	High
SRS-267	User shall be able to attach to a selected requirement one or more images or documents (PDF, Word, Excel, Powerpoint, Visio, ...).	Functional Req.	Implemented	High
SRS-268	If a requirement has an attachment it shall be shown in the Requirements Table under requirement's text. Image attachments shall be displayed as embedded pictures, for other type of attachments at least file name shall be displayed.	Functional Req.	Implemented	High
SRS-269	User shall be able to open chosen attached PDF document in the browser.	Functional Req.	Implemented	High
SRS-270	User shall be able to download chosen attached document to the local file system.	Functional Req.	Implemented	High

* ID	☰ Description ^	⚙ Type	⚙ Status	⚙ Priority
SRS-271	User shall be able to update the attachment.	Functional Req.	Implemented	High
SRS-272	User shall be able to delete any chosen attachment.	Functional Req.	Implemented	High
SRS-326	<p>Example:</p> <p>This is an example attachment.</p> <p>📄 SRS-326_0_ReqView File Data Format v11.pdf (ReqView-SRS_Software_Requirements_Specification_Example_files/SRS-326_0_ReqView File Data Format v11.pdf)</p>	Information	N/A	
SRS-273	4.3.6 Links	Feature	Draft	High
SRS-302	User shall be able to create a directed link between requirements in the same document.	Functional Req.	Implemented	High
SRS-303	User shall be able to create a directed link between objects in two different documents.	Functional Req.	Draft	High
SRS-304	User shall be able to display column summarizing all incoming and outgoing links. Each link shall be presented by ID of the linked object and short summary of its description.	Functional Req.	Implemented	High
SRS-305	User shall be able to delete a selected link.	Functional Req.	Implemented	High
SRS-306	User shall be able to follow link in order to navigate to the linked object.	Functional Req.	Implemented	High
SRS-66	<p>4.4 Filtering</p> <p>This section describes how user can filter presented requirements in ReqView Desktop.</p>	Section	In Progress	Medium

* ID	Description ^	Type	Status	Priority
SRS-151	4.4.1 Requirements Filter	Feature	In Progress	Medium
SRS-90	User shall be able to filter all requirements by the given value of any attribute.	Functional Req.	Implemented	Medium
SRS-94	User shall be able to input up to 10 filtering criterions. Each criterion can be a text keyword or name of attribute with the matched value.	Functional Req.	Implemented	Medium
SRS-96	Criteria can be connected into logical clauses using AND, OR and NOT operators.	Functional Req.	Accepted	Low
SRS-230	User shall be able to filter only changed requirements from the version stored in the last opened ReqView document.	Functional Req.	Implemented	Low
SRS-98	User shall be able to choose if he wants to present the found requirements with or without their structure (all parent section headings on all levels).	Functional Req.	Draft	Low
SRS-91	4.4.2 Full Text Search	Feature	Implemented	Medium
SRS-92	User shall be able to search requirements with an attribute matching a string keyword by means of the Full Text Search (FTS).	Functional Req.	Implemented	Medium
SRS-93	The document words shall be matched if they have the same prefix as an input keyword without respecting the case.	Functional Req.	Implemented	Medium
SRS-99	4.5 Tracking Changes This section describes how the user can check changes of requirements in ReqView Desktop.	Section	Implemented	

* ID	Description ^	Type	Status	Priority
SRS-188	4.5.1 Change Indicators	Feature	Implemented	Low
SRS-187	User shall get visual information if requirements changed from the original version.	Functional Req.	Implemented	Low
SRS-186	The application shall show change indicator for requirements changed from the version stored in the opened ReqView document.	Functional Req.	Implemented	Low
SRS-189	4.5.2 History of Changes	Feature	Implemented	Medium
SRS-106	Each change to any of requirement attributes shall be saved into History of Changes.	Functional Req.	Implemented	Medium
SRS-191	ReqView shall track for each change information about change date, reviewer, changed attribute name and changed attribute original value and value after the modification.	Functional Req.	Implemented	Medium
SRS-107	User shall be able clear history of all requirements in the document.	Functional Req.	Implemented	Medium
SRS-131	4.6 Reporting This section describes how user can print document from ReqView Desktop.	Feature	Implemented	
SRS-132	User shall be able to print the current document.	Functional Req.	Implemented	High
SRS-421	User shall be able to export the printout to PDF.	Functional Req.	Implemented	Medium
SRS-329	The print layout shall have the same layout as the displayed Requirements Table including displayed columns and filtered rows.	Functional Req.	Implemented	Medium

* ID	Description ^	Type	Status	Priority
SRS-358	5 Other Nonfunctional Requirements	Section	N/A	
SRS-359	5.1 Performance Requirements	Section	N/A	
SRS-301	5.1.1 Startup Time ReqView Desktop shall start in less than 10s. The very first time it shall start in less than 30s.	Non-functional Req.	Implemented	Medium
SRS-297	5.1.2 Max Document Size User shall be able to work with documents up to 1000 objects, 100 file attachments and 100MB in size.	Non-functional Req.	Implemented	Medium
SRS-298	5.1.3 Edit Response Time Response time for common edit operations (change attributes and structure) shall be less than 1s.	Non-functional Req.	Implemented	Medium
SRS-299	5.1.4 File Operations Time Opening or saving a local file shall took less than 10s.	Non-functional Req.	Implemented	Medium
SRS-300	5.1.5 Smooth Scrolling Scrolling requirements table shall be smooth with jerks shorter than 200ms.	Non-functional Req.	Implemented	Medium
SRS-360	5.2 Safety Requirements	Section	N/A	
SRS-361	5.3 Security Requirements	Section	N/A	

* ID	Description ^	Type	Status	Priority
SRS-422	The application data shall be stored in a secure storage which is not accessible by other system or web applications.	Non-functional Req.	Implemented	High
SRS-423	The application shall not send any project data to the internet (except upload of document to Google Drive by the user).	Non-functional Req.	Implemented	High
SRS-362	5.4 Software Quality Attributes	Section	N/A	
SRS-363	5.5 Business Rules	Section	N/A	
SRS-364	6 Other Requirements	Section	N/A	
SRS-365	6.1 Glossary	Section	N/A	
SRS-366	6.2 Analysis Models	Section	N/A	
SRS-367	6.3 To Be Determined List	Section	N/A	
SRS-143	7 Copyright Notice	Section	N/A	
SRS-144	This document is protected by copyright law, you shall not use it or any its part for other purpose than evaluation of ReqView application and direct communication with Eccam ReqView development team.	Information	N/A	

