
ReqView Software Requirements Specification

Project: QMS & Bahria University WEB PORTAL

Document: SRS

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Published on: 2023-03-19

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Type	Description	Priority	Criticality	Dependency
	1. Requirements			
Functional Requirement	1.1 User Functions <ul style="list-style-type: none"> Students <p>[SRS-215] 1. Open/ Fill and Upload Admission form</p> <p>2. Login the QMS</p> <p>3. View Quiz</p> <p>4. Solve Quiz</p> <p>5. Submit Quiz</p> <p>6. Check Marks of Quiz</p> <p>7. Logout the QMS</p> Faculty Members <p>1. Open/ Fill and Upload Job Admission form</p> <p>2. Login the QMS</p> <p>3. Upload Quiz</p> <p>4. Upload Quiz Marks</p> <p>5. Logout the QMS</p> Staff Members <p>1. Open/ Fill and Upload Job Admission form</p> 	High	High	On Admin Functions
Functional Requirement	1.2 Admin Functions <p>[SRS-216]</p> <ul style="list-style-type: none"> Admin can control website Admin can add more functionalities and products to website Admin can add details Admin can update the details Admin can also delete content from website Admin manages the whole system of admission and manages the database where all info is kept Admin manages the problems that can occur 	High	High	

Type	Description	Priority	Criticality	Dependency
Functional Requirement	1.3 Data Requirements <ul style="list-style-type: none"> • Allow Admissions [SRS-217] § Students § Staff § Faculty members • Allow Login/Logout § Students § Faculty members • Allow quiz uploading (by faculty members) • Allow quiz submission (by students) 	Medium	High	Admin functions
Interface Requirement	1.4 Interface Requirements <ul style="list-style-type: none"> • User Friendliness [SRS-218] The website is responsive The website is user friendly • Graphical User Interface Proper visualization of every item on screen which is very easy for novice user to understand Ø Included search bar Ø Included name of university in header Ø Defined content in middle of page Ø Defined proper headings Ø Interactive interface Hover property added 	Medium	Low	Data requirements
Functional Requirement	1.5 Navigational Requirements [SRS-219] Our project contains a navigational bar at the top of the page that allows users to navigate to different pages.	Medium	Medium	Interface requirements

Type	Description	Priority	Criticality	Dependency
	<p>The requirements for necessary navigation are:</p> <ul style="list-style-type: none"> • User are able to go to any page when they press on any link in navigational bar • User are able to navigate to admissions page when pressed on Admissions text or home icon as shown in figure • Users are enabled to choose from a small selection of pages to visit. • Users are provide clear labels for the pages where navigation tabs takes user • Adapted our website to match user needs • Provided them with a search button • Provided with the information of pages to users where they currently are and how to get back <p><i>Our project also includes an aside column for navigation, which would also provide navigation to different sections as well as pages.</i></p>			
Functional Requirement	<p>1.6 Personalization Requirements</p> <p>[SRS-220] --> New and existing user finds a difference while visiting the website</p> <p><u>For example:</u></p> <p>Links colors are changed from blue to purple, so new user will experience a blue color on links whenever visits the website, but the existing user will know that the links with purple color have already been visited by him/her</p> <p>--> New and existing users will be greeted and treated differently</p>	High	Medium	Interface requirements

Type	Description	Priority	Criticality	Dependency
	<p><u>For example:</u></p> <p>The user who has already taken an admission in university as a student, he won't be allowed again to take admission at the same time from same name, email and other credentials, whereas the new user will be most welcomed to fill and submit the admission form</p>			
Functional Requirement	<p>1.7 Transactional Requirements</p> <ul style="list-style-type: none"> Atomicity <p>[SRS-221] Quiz will uploaded by a teacher, then solved and submitted back by student, has no overall effect on anything because the number of MCQs before and after submission remain the same</p> <ul style="list-style-type: none"> Consistency <p>User cannot write numbers into the name as well as user cannot write characters into the phone number</p> <ul style="list-style-type: none"> Isolation <p>Multiple students can solve and submit quiz at a time, irrespective of each other without any interference</p> <ul style="list-style-type: none"> Durability <p>Student taking admission and submitting commits that his/her data will exist in university records permanently, it won't be deleted under normal circumstances</p>	High	Medium	User functions
Non-func. Requirement	<p>1.8 Reliability</p> <p>[SRS-222] The probability of failure should be zero, because this kind of website that is to be used for the educational purposes should not crash or hang.</p>	High	Medium	Interface requirements
Non-func. Requirement	<p>1.9 Security</p> <p>[SRS-223] 1. The website would be secure enough, it should not steal anyone's data whenever someone logs in to the system or accesses the system.</p>	High	Low	Interface requirements

Type	Description	Priority	Criticality	Dependency
	<p>2. The website would not have an access to the hard disk without the permissions of the user.</p> <p>3. Additionally, the website would keep the password of the login website safe.</p>			
Non-func. Requirement	<p>1.10 Capacity</p> <p>[SRS-224] There should not occur such situation like “you cannot upload the quiz due to low storage”, there should be no capacity and storage problem.</p>	Medium	Low	Admin requirements
Non-func. Requirement	<p>1.11 Usability</p> <p>[SRS-225] The design and features should be easy enough to use for the users that they can easily understand and determine what a feature is and what it can do.</p>	Medium	Low	Interface requirements
Non-func. Requirement	<p>1.12 Localization</p> <p>[SRS-226] The website should be localized for its users anywhere they are located.</p>	Medium	Low	
Non-func. Requirement	<p>1.13 Navigation</p> <p>[SRS-227] Navigation should be efficient enough for the users to navigate from one page to another or one content to another.</p>	High	Low	Interface requirements
Non-func. Requirement	<p>1.14 Design Constraints</p> <p>[SRS-228] The system would be developing a webpage through a tool that conforms to either IBM’s CUA standards or Microsoft’s GUI standards.</p> <ul style="list-style-type: none"> • There are no memory requirements • Computers are equipped with google chrome and phoenix browser. • Easy access to client • Fast and responsive 	Medium	Low	