

Skillseeker Software Requirement Specification

Version 1.0

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1. FUNCTIONAL REQUIREMENT

1.1 Home Page

1.1.1 Home

Short Description: Here user can view the sub links .

Primary Actor: Admin

Precondition: System should be connected to internet.

Steps performed:

1.1.1.1 User selects the sub links, the sub links are as follows:

* Pricing - This is a Business, training, and all for-profit organizations. The following sub link shows the predefined plan to buy the website.

The user can choose the plan to access the website.

* FAQ - The user can ask the frequent questions out here, along that the information about how to access the website is described out here in best possible user defined format.

* Contact Us --

Step 1: First, search our FAQs for an instant answer.

Step 2: If a suitable answer is not found, you can [email us](#) directly.

1.1.2 Admin register

Short Description: This use case describes how Admin logs into the system.

Primary Actor: Admin

Precondition: System should be connected to internet.

Trigger: Admin opens the Register page.

Steps performed:

1.1.2.1 Admin opens the website.

1.1.2.2 Admin is shown the Register Page.

1.1.2.3 Enters required fields for registering to the website, the fields are

* All the feilds below are mandatory

Field name	Type	Validation
First name	text	Must start with a capital letter/Must be a string/Url not allowed/Script mot allowed
Last name	text	Must start with a capital letter/Must be a string/Url not allowed/Script mot allowed
User name	text	Must be unique/Must start with a character/Url not allowed/Script mot allowed
Password	passwd	Must be minimum 6 letters and must contain a lower case, upper case and a special character.
Select your Country	dropdown	
Email address	Email	Vaild Email Id
Select your Time-Zone	dropdown	
Captcha	text	

1.1.2.4 If all the validation matches then the Admin is successfully registered else error message will be displayed.

1.1.3 Admin Login

Short Description: This use case describes how admin logs into the system.

Primary Actor: Admin

Precondition: System should be connected to internet.

Trigger: Admin opens the login page.

Steps performed:

1.1.3.1 Admin opens the website.

1.1.3.2 Admin is shown the Login Page.

1.1.3.3 Enters Adminname and password.

1.1.3.4 If both are correct admin can see the Admin Panel with following links:

1.1.3.5 Otherwise an error message is shown on the login page telling to re enter.

1.1.4 Select Language

Short Description: This use case describes how admin can change the language option of the website.

Primary Actor: Admin

Precondition: System should be connected to internet.

Trigger: onchange function.

Steps performed:

1.1.4.1 Select the type of language the admin wants the website to run in.

1.2 DashBoard

1.2.1 Home

Short Description: Here user can view the sub links .

Primary Actor: Admin

Precondition: System should be connected to internet.

Steps performed:

1.2.1.1 User selects the sub links, the sub links are as follows:

* Pricing - This is a Business, training, and all for-profit organizations. The following sub link shows the predefined plan to buy the website.
The user can choose the plan to access the website.

*FAQ - The user can ask the frequent questions out here, along that the information about how to access the website is described out here in best possible user defined format.

*Contact Us --

Step 1: First, search our FAQs for an instant answer.

Step 2: If a suitable answer is not found, you can [email us](#) directly.

1.2.2 Test

Short Description: Here user can view the sub links .

Primary Actor: Admin

Precondition: System should be connected to internet.

Steps performed:

User selects the sub links, the sub links are as follows:

1.2.2.1 Categories

The Categories sub menu is the first submenu to be displayed whenever the Admin hovers the TEST menu.

When Admin clicks on this submenu a page is to be displayed inside the center div and in the right div using the ajax functionality.

The two pages that has been displayed shows the information as mentioned below.

PAGE TO BE DISPLAYED IN CENTER DIV CONTAINS:-

The center div is divided in three divs Center Div1,Center Div2 and Center Div3

Center Div1:-

The center div1 is hidden by default and will be shown when the Admin clicks the hyperlink presented on center div3.

Field name	Type	Validation
Category name	text	Specific to user
Submit	button	

The Admin enters the category name. The name entered by the Admin should be unique. The Admin clicks on submit and the category is saved in database and the center div1 is hidden and the newly added record gets appended to the center div2.

Center Div2:-

The Center Div2 shows a list of test categories that is available in database with the options EDIT and DELETE.

EDIT:-The Admin who is currently logged in can edit the name of the categorie that is already stored in database.

DELETE:-The Admin who is currently logged in can delete the categorie that is already stored in database.

Center Div3:-The Center Div3 contains a hyperlink by clicking on which the center div1 gets displayed.

PAGE TO BE DISPLAYED IN RIGHT DIV CONTAINS:-

- * It contains a button that provides the same functionality as provided by hyperlink in center div3 mentioned above.
- * A button that is used to view the category ids and name that is being stored in database it opens a new page when gets clicked and contains a hyperlink to print the result displayed on page.

1.2.2.2 Question Bank

The Question Bank sub menu is the second submenu to be displayed whenever the Admin hovers the TEST menu.

When Admin clicks on this submenu a page is to be displayed inside the center div and in the right div using the ajax functionality.

The two pages that has been displayed shows the information as mentioned below.

PAGE TO BE DISPLAYED IN CENTER DIV CONTAINS:-

The Center Div contains a drop down that shows the category name that is stored in database. The Admin selects a category from the combo box and can add questions one by one or in bulk by clicking on the options shown in right div.

PAGE TO BE DISPLAYED IN RIGHT DIV CONTAINS:-

The right div contains two options Add one by one or Add bulk questions.

When the Admin clicks on Add one by one a div is toggled in that contains two hyperlinks as shown below :-

Multiple choice / Multiple response question

When Admin clicks on this hyperlink a new page is opened in center div that contains a text box with heading question.

The Admin enters the question that is to be added in the test.

There are four text box to be displayed which are going to be the options for the question.

The admin enters the options value in text box that is to be displayed as answers.

There is one checkbox in front of each option the admin check the option in front of text box which contains correct answer.

The Admin can check in front of more than one answer text box when the question have multiple answers.

There will be an additional text box with heading points should be displayed just above the submit button that contains the default value as 1. this text box only accepts numeric value.

At bottom it contains the submit button on clicking which all validations are performed and question is stored in database after successful validation check.

True / False question

When Admin clicks on this hyperlink a new page is opened in center div that contains a text box

with heading question. The Admin enters the question that is to be added in the test. There will be two text boxes with the check box in front of them.

The admin enters the yes/no or true/false in the text box.

If admin enters yes the other text box should contain no and vice versa.

If admin enters true the other text box should contain false and vice versa.

The admin checks only one check box out of two shown in front of answer text box.

There will be an additional text box with heading points should be displayed just above the submit button that contains the default value as 1. This text box only accepts numeric value.

At bottom it contains the submit button on clicking which all validations are performed and question is stored in database after successful validation check.

ADD BULK QUESTIONS

When Admin clicks on ADD BULK QUESTIONS a browser window is opened from where the admin selects a FILE. The file that is selected should be a CSV FILE.

There will be an additional text box with heading points should be displayed just above the submit button that contains the default value as 1. This text box only accepts numeric value.

The user clicks on submit button and file gets stored in Database.

1.2.2.3 My Test

The Question Bank sub menu is the third submenu to be displayed whenever the Admin hovers the TEST menu.

When Admin clicks on this submenu a page is to be displayed inside the center div and in the right div using the ajax functionality.

PAGE TO BE DISPLAYED IN CENTER DIV CONTAINS:-

The center div contains two divs one contains the combo box and other the result associated with combo box.

- *The combo box that is in center div1 contains the category name that are stored in database.

- *Admin selects a value from combo box

- *After selection of the category value the associated test will be displayed inside the center div2.

- *There will be four hyperlinks under each test result. Which are as follows.

1.2.2.3.1 Manage Test

Case 1: Edit Test name and Category

Short Description: Admin can edit the test name.

Primary Actor: Admin

Precondition: System should be connected to internet.

Trigger: Admin opens the edit test name and category.

Steps performed:

- * Admin can change the name of the test and the category of the selected test.

* Drop down is shown to the admin consisting of all the categories , now admin can change the category of the test by select option.

* Admin can also change the test name by giving the new name for that particular test.

Name	Type	Validation
Test Name	Text	Can be alphanumeric/ - is allowed/ no special characters/ url , script not allowed

Case 1: Random Questions.

Short Description: Admin can set the random question option .

Primary Actor: Admin.

Precondition: System should be connected to internet.

Trigger: Admin clicks the random question.

Steps performed:

* Admin clicks on the random question option .

* Two sub options will be shown to the admin .

2.1 Option 1:

By clicking on the option1 admin can set the total no of questions in that particular test by providing the value in the text field.

Name	Type	Validation
No of question	text	Only numeric values is allowed.

Now admin is shown all the categories of the tests with the checkbox option, admin can add the question from different categories by selecting the checkboxes.

2.2 Option 2:

By clicking on the option2 admin can select the questions per categories for that test by giving the numeric value in the provided fields for the respective category.

Name	Type	Validation
Category Name	Text	Only numeric values is allowed.

Case 2: Delete Test.

Short Description: Admin can delete the test .

Primary Actor: Admin.

Precondition: System should be connected to internet.

Trigger: Admin clicks the delete test.

Steps performed:

- 1.Admin clicks on the delete test option .
- 2.Admin can delete the test if that test is not attempted.

1.2.3 Assign

Short Description: Here user can view the sub links .

Primary Actor: Admin

Precondition: System should be connected to internet.

Steps performed:

1.2.3.1. Assign

Step 1: Select test

The admin will select from the following set of test set that has been created already before to create a test. A dropdown box will be displayed to select the category and then all the question set of that following category set will be viewed to the admin in form of radio button, the admin will select one of the radio button to proceed forward.

Step 2: Test settings

The admin will be doing the following work to generate a test link

Field name	Type	Values	Validation
Direct link name	text		Must not be a url/script
Email results to me	radio	1. Off 2. Email score only 3. Email score, and incorrectly answered questions only 4. Email score, and all answered questions	required
Collect user information	checkbox	1. First Name 2. Last Name 3. Email Id	required

Test Availability	date		required
Choose what user will see after completion	radio	1. No score, questions or feedback 2. Score only 3. Score, questions and chosen answers 4. Score, questions, chosen answers and show correct answers	required
Give questions in random order	radio	1. Off 2. On	required
Number of questions to be displayed per page	combobox	1-10	required
Time limit (Optional)	number		Must be an integer
Allow users to go back during test	radio	1. Off 2. On	required
Set test pass mark and feedback (Optional)	decimal		Must not be a string or character.
Show 'Brief test settings' before each test starts	radio	1. Off 2. On	required

Once all the feilds are successfully filled the admin click on to the submit button to generate the link.

Step 4: Review

Finally the link is generated successfully, and if admin wishes admin can review the test.

View Assign Test

The admin if wished to can delete a test link if the link has not been used by any one.

1.2.4 Result

1.2.3.1 By Test

Short Description: Admin can see result by tests.

Primary Actor: Admin

Precondition: System should be connected to internet.

Trigger: Admin opens the By Test page.

Steps performed:

1.2.3.1.1 Admin is shown the By Test page.

1.2.3.1.2 A drop down menu will open showing all the categories.

1.2.3.1.2.1 Admin will choose one of the category.

1.2.3.1.2.2 After selecting the category user is shown all the tests of the selected category with the following options.

- * Test list

- * No. Of users appeared in that particular test.

- * Date of Test.

- * Duration of the test.

- * No. Of attempts for that particular test(How many times that test is attempted).

1.2.3.1.3 Admin click on a particular test from the test list.

1.2.3.1.4 After clicking on the particular test user is able to see all the options as described below for the clicked test.

- * Username- All the users who attempted that test.

- * Percentage of all the users.

- * Scores of all the users and total no of questions attempted by all the users.

1.2.3.2 Search User

Short Description: Admin can search the result of a particular User.

Primary Actor: Admin.

Precondition: System should be connected to internet.

Trigger: Admin opens the Search User page.

Steps performed:

1.2.3.2.1 Admin is shown the Search User page.

1.2.3.2.2 Following options will display.

Name	Type	Validation
Firstname	Text	Must start with capital letter/ space not allowed/script,url not allowed
Lastname	Text	Must start with capital letter/ space not allowed/script,url not allowed

1.2.3.3 Admin enters the firstname and lastname of the particular user.

1.2.3.4 Admin is shown that particular user with the following details.

- * Firstname- Firstname of the user.
- * Lastname- Lastname of the User.
- * Test List- All the attempted test for that prticular user.
- * Percentage of the user in the respective test.
- * Scores of the user in the respective test.
- *Total no of questions attempted by the users in the respective test.

1.2.5 MyAccount

1.2.5.1 My Settings

Short Description: Admin can see the account settings.

Primary Actor: Admin

Precondition: System should be connected to internet.

Trigger: Admin opens the My Setting page.

Steps performed:

1.2.5.1.1 Admin is shown the My Setting page where the following information will display.

- * Username.
- * Firstname.
- * Lastname.
- * Registered plan Information.
- * Change Password option.

1.2.5.1.2 Admin can change the password for his/her account by providing the old and new password.

Name	Type	Validation
Old Password	Text	Password should be atleast 8 character long/must contain a uppercase , lowercase and a special character.
New Password	Text	Password should be atleast 8 character long/must contain a uppercase , lowercase and a special character.
Confirm Password	Text	Password should be atleast 8 character long/must contain a uppercase , lowercase and a special character.

1.2.5.2 Upgrade.

Short Description: Admin can upgrade the registered plan.

Primary Actor: Admin.

Precondition: System should be connected to internet.

Trigger: Admin opens the Upgrade page.

Steps performed:

1.2.4.2.1 Admin is shown all the plans and the registered plan of the Admin .

1.2.4.2.2 Admin can upgrade the plan also.

1.2.6 Help

1.2.6.1 FAQ

Short Description: User/Admin can see the frequently asked questions.

Primary Actor: User/Admin

Precondition: System should be connected to internet.

Trigger: Admin/User opens the Help page.

Steps performed:

* Admin/User is shown the FAQ page.

1.2.6.2 Overview.

Short Description: Admin/User can see the overall website .

Primary Actor: Admin/User.

Precondition: System should be connected to internet.

Trigger: Admin/User opens the overview page.

Steps performed:

* Admin is able to see the site map of the website .

* Admin/User is shown the information about the website i.e, how to create test / how to assign the test to the users/ how to see the result of the attempted tests/how to change the settings etc .

1.2.7 User Dashboard

Short Description: User who have the link can access the link and give test.

Primary Actor: User

Precondition: System should be connected to internet.

Trigger: Admin/User opens the Help page.

Steps performed:

1.2.7.1 User needs to enter the following fields for the test.

*All the fields are mandatory

Name	Type	Validation
First name	Text	Must start with capital letter/ space not allowed/script,url not allowed
Last Name	Text	Must start with capital letter/ space not allowed/script,url not allowed
Email-id	email	Vaild Email Id

1.2.7.2 Once the user fills up the required fields properly user can give the test.

1.2.7.3 During the test user can jump to any of the questions on basis of the hyperlink provided.

1.2.7.4 Once the test is over or the student clicks on to the finish button marks is generated of the following users along with percentage.