

Quality Coders

Functional Requirements

Actors:

1. **User:** A person using the system via browser of his computer
2. **Admin:** A person keeping record of the user and the questions

Functional Requirement for User

- FR1. User Registration/ Information
- FR2. User Registration Confirmation Email
- FR3. User Login requirement
- FR4. User Subscription Validation
- FR5. User password reset
- FR6. User password reset confirmation Email
- FR7. User Profile Update
- FR8. User Password Change
- FR9. User Password Change confirmation Email
- FR10. Progress report using Dynamic Charts
- FR11. Exam Timer

Functional Requirement for Admin

- FR12. Admin login
- FR13. User Profile Validation
- FR14. User Subscription Control
- FR15. Edit Questions in database
- FR16. Add Questions to the database
- FR17. Update/Add name of the Certification

User Actor:

ID	FR1
Title	User Registration/Information
Actor	User
Normal Flow	<ol style="list-style-type: none">1. User clicks the register tab2. Enters personal information<ol style="list-style-type: none">a. First Nameb. Last Namec. Email addressd. Passworde. Date of Birthf. Address
Level of Importance	5
Date Updated	10/30/2015

ID	FR2
Title	User Registration Confirmation Email
Actor	User
Normal Flow	User enters personal information and click Register tab
Level of Importance	3
Date Updated	10/30/2015

ID	FR3
Title	User Login requirement
Actor	User
Normal Flow	User enters login id and password
Level of Importance	5
Date Updated	10/30/2015

ID	FR4
Title	User Subscription Validation
Actor	User
Normal Flow	User should have valid subscription to access the application
Level of Importance	4
Date Updated	10/30/2015

ID	FR5
Title	User password reset
Actor	User
Normal Flow	User can reset the password by clicking Forgot Password? Link
Level of Importance	4
Date Updated	10/30/2015

ID	FR6
Title	User password reset confirmation Email
Actor	User
Normal Flow	Confirmation Email is sent to the user after the password reset
Level of Importance	4
Date Updated	10/30/2015

ID	FR7
Title	User Profile Update
Actor	User
Normal Flow	User can login and update his personal information
Level of Importance	4
Date Updated	10/30/2015

ID	FR8
Title	User Password Change
Actor	User
Normal Flow	User can login and change password
Level of Importance	4
Date Updated	10/30/2015

ID	FR9
Title	User Password Change confirmation Email
Actor	User
Normal Flow	Email confirmation email is sent to the user for password change
Level of Importance	4
Date Updated	10/30/2015

ID	FR10
Title	Progress report using Dynamic Charts
Actor	User
Normal Flow	User can monitor and modified his progress through dynamic charts
Level of Importance	4
Date Updated	10/30/2015

ID	FR11
Title	Exam Timer
Actor	User
Normal Flow	User has 2 hours of limited time to complete the exam
Level of Importance	4
Date Updated	10/30/2015

User Admin:

ID	FR12
Title	Admin Login
Actor	admin
Normal Flow	Admin has to login using user id and password
Level of Importance	4
Date Updated	10/30/2015

ID	FR13
Title	User Profile Validation
Actor	admin
Normal Flow	Validates User information
Level of Importance	4
Date Updated	10/30/2015

ID	FR14
Title	User Subscription Control
Actor	admin
Normal Flow	Enters the subscription period for user
Level of Importance	4
Date Updated	10/30/2015

ID	FR15
Title	Edit Questions in database
Actor	admin
Normal Flow	Edits the question of different topics in the database
Level of Importance	4
Date Updated	10/30/2015

ID	FR16
Title	Add Questions to the database
Actor	admin
Normal Flow	Add question of different topics in the database
Level of Importance	4
Date Updated	10/30/2015

ID	FR17
Title	Update/Add name of the Certification
Actor	admin
Normal Flow	Can add/change the name of the subscription.
Level of Importance	4
Date Updated	10/30/2015