**Non Functional**

1. As a student I want to develop the application in C# and Go so that I meet instructor’s requirement of selecting these languages.

**Functional**

User Stories

1. As a user I want to be able to register on Exam Portal so that I can take exams relevant to me and improve my skills.
2. As a user I want to be able to login to Exam Portal using my credentials so that I can take any exam and see my previous scores.
3. As a user I want to be able to select an exam that I wish to take to test my skill.
4. As a user I want to be able to see the questions so that I can select my answers.
5. As a user I want to be able to save the response to every question so that my answers can be evaluated and I can move to next question.
6. As a user I want to be able to submit my exam so that I can see my grade.
7. As a user I want to be able to see all questions that I marked incorrectly so that I can learn the correct answers.
8. As a user I want to be able to see all the available exams and the exams that I have taken so far so that I can evaluate my performance.
9. As a user I should be able to logout from Exam Portal so that other do not have access to my page.
10. As an admin I should be able to login to Exam Portal using my credentials so that I can create, delete and view exams.
11. As an admin I should be able to create an exam so that I can offer it to all registered users.
12. As an admin I should be able to enter exam details so that the exam can be distinguished from others.
13. As an admin I should be able to enter questions, provide options and correct answer, set difficulty level for each question so that every question can be graded.
14. As an admin I should be able to save details of every question and move to next question so that these questions are available to this specific exam.
15. As an admin I should be able to submit newly created exam so that it is available to all registered users.
16. As an admin I should be able to see all the exams that I have created and I should be able to hide/unhide any exam so that specific exam is no longer available to registered users.
17. As an admin I should be able to see exams report of selected exam so that I can analyze user’s performance to that exam.
18. As an admin I should be able to restrict an exam to a specified time using a timer so that the exam is time-based.
19. As an admin I should be able to logout from Exam Portal so that other do not have access to my page.