**Report No.3: Software Requirements Specifications (SRS)**

# 3.1. User Requirement Specification

*<Summarize the customer requirements in a compact form>*

## 3.1.1 Functional Requirement:

The website include 8 sites, each of site will have modules in proportion to features of the system:

|  |  |  |
| --- | --- | --- |
| Function | Code | Content |
| 1. Homepage |  | This is a site which users access first, it include links to other site of the system, some of main features and, news. |
| 1.1 Login |  | Users need login with their accounts to use some of features of the website. |
| 1.2 Link to other sites of the system |  | Homepage site will have menu bar include links to other sites of the system |
| 1.3 Hot topics |  | Hot news will be showed at special position. |
| 2. Theories |  | Users can study online by watching video and text |
|  |  |  |
| 3. Exercises |  |  |
| 4. Self-study exams |  | Users can choose exams which are created by admin |
| 5. Forum |  | The site is place to discuss problems about learning |
| 6. Member |  | The site will show information of user. |

## 3.1.2 Non-functional Requirement:

# 3.2. System Requirement Specification (Specific Requirements)

*<Summarize the system requirements in a compact form>*

## 3.2.1. External Interface Requirements

**3.2.1.1. User Interfaces**

**3.2.1.2. Hardware Interfaces**

**3.2.1.3. Software Interfaces**

**3.2.1.4. Communications Protocol**

## 3.2.2. System Features

**3.2.2.n. System Feature n**

3.2.2.n.1. Use Case-n Diagram (otherwise use another model)

3.2.2.n.2 .Use Case-n Specification

*<Write down all non-trivial use cases. This should reflect what you get when your team does the system analysis. Use the template to write a detailed specification for use cases>*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE-n SPECIFICATION** | | | | |
| **Use-case No.** | <UC001> | **Use-case Version** | | <1.0> |
| **Use-case Name** | <Name> | | | |
| **Author** | <Members> | | | |
| **Date** | Dd/mm/yyyy | **Priority** | <High/Normal/Low> | |
| **Actor:**  *<Lit all actors>*  **Summary:**  *<Briefly describe the used case >*  **Goal:**  *<Briefly describe the goal of used case >*  **Triggers**  *<What does lead in using this case?>*  **Preconditions:**  *<List the required pre-conditions for using this case>*  **Post Conditions:**  *<List the required post-conditions for using this case>*  **Main Success Scenario:**  *<List the main steps for using this case to reach the goal successfully >*  **Alternative Scenario:**  *<List other steps for using this case to reach the goal in some alternative conditions >*  **Exceptions:**  *<List exceptions of this use case >*  **Relationships:**  *<List the relationships that use case relates to>*  **Business Rules:**  *<Any concern about the business>* | | | | |

## 3.2.3. Software System Attributes

**3.2.3.1 Reliability**

**3.2.3.2 Availability**

**3.2.3.3 Security**

**3.2.3.4 Maintainability**

**3.2.3.5 Portability**

**3.2.3.6 Performance**

# 3.3. Entity Relationship Diagram or Data Structures

*<Provide the ERD Diagram for the system here. If your team uses a file or in-memory storage facility instead of a database, replace this section by ‘Data Structures’. Note, use only ERD or Data Structures>*

# 3.4. Other material (if any)