The chapter presents evaluation of the project including platform evaluation, functional evaluation and non-functional evaluation.

**Platform Evaluation**

The project mainly deals with the web based Online Examination System. We tried to evaluate the idea of having an Online Exam System for our own university. There are some other such kind of system can be found in the intenet. But not every system is capable of doing what we wanted to do. For instance- in some website we can create question and publish it to the students via another platform, not only this if we want to arrange a meeting we need to go and use another special platform. So, all together it’s a kind of mess to use all the different platform. It would be more easy and user friendly if we could find a solution of having all kinds of necessarry functionalities together in one platform. And that was our idea to make this LU Exam Hive where we can have the desire functionalities together at a time. We tried to make it more attractive and user friendly themes are included for the end user. Most importantly we think it as our own university product which can be used for taking online exam by the teacher of Leading University when necessary.

**General Functional Evaluation**

Next, here we will provide a general functional evaluation. We tested each functional requirement. There is the table below showing result of the test.

**Functional Requirements**

|  |  |  |
| --- | --- | --- |
| **ID** | **Requirement** | **Fulfilled ?** |
| **1.** | Teacher can have his/her own dashboard | Yes |
| **2.** | Teacher can create new question | Yes |
| **3.** | Teacher can arrange meeting | Yes |
| **4.** | Teacher can save a created question | Yes |
| **5.** | Teacher can post a question | Yes |
| **6.** | Teacher can edit or delete the question which is drafted | Yes |
| **7.** | Teacher can see all the posted question | Yes |
| **8.** | Teacher can see and download the result as pdf format | Yes |
| **9.** | Dynamic question creation | Yes… but we could not make it functional for the students |
| **10.** | Student can register and have the login and logout functionalities | Yes |
| **11.** | Student can change the password  By using forgot password option | Yes |
| **12.** | Student can login to his own dashboard | Yes |
| **13.** | A Student can see the all the posted question by the respective teacher | Yes |
| **14.** | A Student can see only meeting link created for his/her section | Yes |
| **15.** | Students can Join the meeting scheduled by the teacher through the meeting link shown | Yes |
| **16.** | A Student can answer the posted question via the answer script | Yes |
| **17.** | Answer Script Clock working | Yes |
| **18.** | Admin can monitor and edit all the student and teacher list | Yes |
| **19.** | Admin can insert a new teacher to the database | Yes |
| **20.** | Admin can delete a teacher or student record | Yes |
| **21.** | Admin can sort the verified and unverified student list | Yes |
| **22.** | Admin can search any student by ID and have the details of that student | Yes |

**Non-Functional Evaluation**

**Flexibility**

The website is flexible to edit and some new functionalities can be added efficiently. Here some functional button can be added in the teacher dashborad if we want to improve the dashboard content. Also there can be a button called assignment by which a teacher can post an assignment to the student and the code can be added.

The platform is suitable for teacher and students because of its interior design. It is plane and simple also attractive. The website can be accessable from all sort devices like different model of mobile phone also with tablets and with computer. It is fully responsive and functional in different views.

The website is available to use on different kinds of browser which we generally use in our daily life. For instance – Google Chrome, Firefox, Microsoft Edge, Opera and others.

The website loads smothly from the server and the landing page is operatable very effectively.

**User Interface**

The user interface is simple and attractive. An user can easily interact with the interface. There are some points about user interface given below-

* Fully Responsive in all kinds of device
* Buttons are designed as the user can easily identify which button it can be by just looking at that button. For example- Delete button is colored as red, Save button is in Black

 

* The are some icons also added to look little different. For example- in login, logout button or in the teacher dashboard edit and delete question function is decorated with the icon

  

* Admin has a dashboard UI where he/she can monitor or control the website