

06 April 2023

SOFTWARE REQUIREMENTS AND UATS SPRINT TWO:

STUDENTS' HOMEPAGE:

- i. The Home page should be up and functional.
- ii. A student should be able to view his/ her courses immediately when he/ she logs into the home page.
- iii. A student should be able to enroll into a course.
- iv. Once the student enrolls into the course, the course must immediately be added to the home page.

Additional requirements:

- v. A student should be able to click onto a course on the home page and view the course page.
- vi. A student should be able to view the course material on the course page and be able to download the course material from the course page.

TEACHER'S HOME PAGE:

- I. The Home page should be up and functional.
- II. A teacher should be able to view all the created and active courses on his/ her home page immediately when he/ she logs in.
- III. A teacher should be able to create a course.
- IV. Once the teacher creates a course, the course should immediately be added to the home page.

Additional requirements:

- V. A teacher should be able to click on a course and view the course page.
- VI. A teacher should be able to upload and organize the course material on the course page.

2. USER STORIES FOR SPRINT TWO:

- a) User can create a course if user is a teacher.
- b) User can enroll into course if user is a student.
- c) User can edit their profile whether user is teacher or student.

- d) User can upload course material on a course's page if user is a teacher.
- e) User can download course material on a course's page if user is student.
- f) User can view created/ enrolled courses from the dashboard/ home page.

3. USER ACCEPTANCE TESTS:

- a) Given that the user is a teacher, when the user accesses the *create course* page from the teacher's home page, then the user can create a course for students to enroll.
- b) Given that the user is a student, when the user accesses the *enroll into course* page from the student's home page, then the user can enroll into a course that exists.
- c) Given that the user is a teacher, when the teacher enters the course code (length of 10 characters), course name, year of the course (less than 3 digits), faculty and school the course is in, and the password (maximum of 10 characters long), then the user creates a course for students to enroll in successfully.
- d) Given that the user is a student, when the student searches for the faculty and the year of study the course is in, then the student successfully searches for the courses he/ she wish to enroll in.
- e) Given that the user is a student, when the student enters the correct password for the course he/ she wishes to enroll into, then the student has successfully enrolled into the course.
- f) Given that the user has created a profile, when the user enters the correct details he/ she wishes to change on the *edit profile* page, then the user should successfully update the details he/ she wished to update on their profile.