**Mission**

At Academy Trainings, we want to develop an application for my organization users to enhance their skills by attending virtual learning sessions.

General Requirements

1. **User login:**

As a registered user, I want to login to the application to manage trainings

* 1. **Assumptions:**

User is already registered with the application

* 1. **Acceptance criteria:**

On entering valid credentials, user should be able to login to the application

1. **Get training schedule:**

As a registered user, I want to view the training calendar

* 1. **Acceptance criteria:**

On successful login user should be able to see the training calendar

**Sample data:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Code** | **Trainer name** | **Training duration** | **Start date** | **End date** |
| JAVA02 | Julius | 5 days | 30-Nov-2020 | 04-Dec-2020 |
| DEVOPS01 | Marcus | 3 days | 02-Dec-2020 | 04-Dec-2020 |
| JAVA02 | Brutus | 5 days | 07-Dec-2020 | 11-Dec-2020 |

1. **Enroll for a new course:**

As a user, I want to enroll for a new course by giving the course code

* 1. **Acceptance Criteria**
     1. Given the course code and training start date, training should be enrolled for user along with the course name details
  2. **Validations**

1. If course code should be valid, then course name will be updated in enrollment
2. User cannot enroll for a course which starts in the past, within 2 days of current date or 20 days after current date

Eg: If Current date is 28-Nov

1. User cannot enroll for a course that starts before 28-Nov
2. User cannot enroll for a course that starts on 29-Nov or 30-Nov
3. User cannot enroll for a course that starts after 17-Dec
4. User cannot have more than 3 courses in SCHEDULED status
5. User cannot enroll for the same course when it is SCHEDULED or IN PROGRESS
6. Possible status of enrollments: SCHEDULED, IN PROGRESS, CANCELLED, COMPLETED
7. **Edit training enrollment:**

As a registered user, I want to edit my training enrollment

* 1. **Acceptance Criteria**
     1. As a registered user enrolled for a training, I want to edit my course code or pick a different schedule for the course from training calendar
  2. **Validations**

1. User can edit only the trainings he is enrolled to
2. If course code should be valid, then course name will be updated in enrollment
3. **Cancel enrollment: (Nice to have)**

As a registered user, I want to cancel my training enrollment

* 1. **Acceptance Criteria**
     1. As a registered user enrolled for a training, I want to edit my course code or my training start date
  2. **Validations**

1. User can edit only the trainings he is enrolled to
2. If course code should be valid, then course name will be updated in enrollment
3. **View User Enrollments:**

As a registered user I want to view all my training enrollments

* 1. **Acceptance Criteria**
     1. As a user, I want to view my enrollment history grouped by the enrollment status

General directions:

1. **Mandatory**
   1. All endpoints integrated
   2. Code available in Github/ Bitbucket
   3. Proper validation of the fields (mandatory and format validations)
   4. Unit test cases for completed functionalities
   5. Javadoc and Swagger documentation
   6. Sonar report
2. **Nice to Have**
   1. Spring security
3. **Assumptions**
   1. Course data and training calendar is static

Course data:

|  |  |
| --- | --- |
| **Course Code** | **Course Name** |
| JAVA01 | Java Basics |
| DEVOPS01 | DevOps basics |
| JAVA02 | Spring Boot |
| DEVOPS02 | Azure DevOps |

1. **Guidelines**
   1. It’s better to demonstrate one thing working well than it is to demonstrate everything half-complete
   2. Use your product owners
   3. Be open and honest with your stakeholders and yourselves; if you’re not going to make it, change direction or negotiate scope with your product owners.

Review

Don’t underestimate the importance of preparing for the review. Each team will have 15 minutes to demonstrate what they have done. Consider finishing development 15 minutes before reviews are scheduled so you have time to do a practice run.