

# **CSE300 Software Engineering**

# **Learning Management System**

**Group 8**

# **Business Functional Requirement Document**

**Functional Requirement:**

* **ID:** FR1
* **TITLE:** View Web Portal
* **DESC:** A user should be able to view the web portal through any browser on the mobile phone.
* **ID:** FR2
* **TITLE:** User Login
* **DESC:** A user should be able to login in the system by signing in with his/her assigned University Email Id.
* **ID :** FR3
* **TITLE :** View student dashboard
* **DESC :** A student is able to see their number of enrolled courses, number of due assignments and the total number of credits earned.
* **ID :** FR4
* **TITLE :** View all courses
* **DESC :** A student is able to see all the list of their enrolled course names and course IDs.
* **ID :** FR5
* **TITLE :** View Course Assignments
* **DESC :** This shows all the assignments, both submitted and pending of a particular course in which the student is enrolled. With its deadline if due, else the time of submission if the assignment is submitted.
* **ID :** FR6
* **TITLE :** Submit Assignment
* **DESC :** This allows Students to view assignment details and submit their assignment pdf on the web portal
* **ID :** FR7
* **TITLE :** Modify Assignment
* **DESC :** This allows students to modify their submitted assignment on the web-portal, which means they can re-submit the assignment(Change the file submitted).
* **ID :** FR8
* **TITLE :** View Grades
* **DESC :** This allows students to view their grades for a specific assignment of a specific course.
* **ID :** FR9
* **TITLE :** View faculty Comments
* **DESC :** This function shows the comments posted by the faculty of a specific course in a specific assignment to the students.
* **ID:** FR10
* **TITLE:** View resources
* **DESC:** This allows students to view the list of all resources uploaded by the faculty for a specific course.
* **ID:** FR11
* **TITLE:** Download Resources
* **DESC:** This allows students to download the resources uploaded by the faculty for a specific course.
* **ID:** FR12
* **TITLE:** View number of due assignments
* **DESC:** This shows the number of pending assignments on the student dashboard, just to notify the student about the pending work.
* **ID:** FR13
* **TITLE:** View number of courses enrolled
* **DESC:** This shows the total number of courses that the student is currently studying or enrolled in, which is displayed on the student dashboard.
* **ID:** FR14
* **TITLE:** View total credits earned
* **DESC:** This shows the total number of credits taken by the student, which is displayed on the student dashboard.
* **ID :** FR15
* **TITLE :** View faculty dashboard
* **DESC :** A faculty is able to see their dashboard with total number of enrolled students, number of ungraded assignments, number of courses assigned.
* **ID :** FR16
* **TITLE :** View Courses
* **DESC :** It shows a list of all the courses with their names and ID assigned to that faculty, on the faculty dashboard.
* **ID :** FR17
* **TITLE :** View number of students enrolled
* **DESC :** This shows the number of total students enrolled in each and every course taught by that faculty.
* **ID :** FR18
* **TITLE :** view posted assignments
* **DESC :** This shows the list of all posted assignments and their details, of a particular course taught by the faculty.
* **ID :** FR19
* **TITLE :** Add assignment
* **DESC :** This allows faculty to upload new assignments for the students enrolled in that course along with the deadline and weightage of the assignment.
* **ID :** FR20
* **TITLE :** Edit assignment
* **DESC :** This allows faculty to update the deadline, weightage and other details of the assignment for each course.
* **ID :** FR21
* **TITLE :** View submissions
* **DESC :** This allows faculty to view all the submitted assignments of the students enrolled in that particular course.
* **ID:** FR22
* **TITLE:** Grade the submissions
* **DESC:** The faculty is allowed to grade each and every submission submitted by the students for a particular course.
* **ID:** FR23
* **TITLE:** Add Comments
* **DESC:** This allows faculty to comment on the graded assignments for each student individually, on the web portal.
* **ID:** FR24
* **TITLE:** View resources
* **DESC:** This allows faculty to view the list of all resources uploaded by him previously for a specific course.
* **ID:** FR25
* **TITLE:** Upload new resources
* **DESC:** This allows faculty to upload new resources and documents related to the course for the enrolled students.
* **ID:** FR26
* **TITLE:** Change Password
* **DESC:** This allows users to change their existing password and update their credentials to log in the web portal.