**Detyre Kursi : Inxhinieri Softi**

**Grupi:** Ensev Miraka, Anxhela Cota, Ina Musta, Eralda Mata.

**Sprint Backlog (University Application)**

Points vary from (1-5).

* **Sprint nr. 1**

**Creating the database and tables:** As the developer, I want to manage all the data from a database so that I have a persistent storage for the application. **(4 points) – Ensev Miraka**

There should be 4 tables: users, courses, feedbacks, coursesforuser.

Each table should consist of these attributes:

* TABLE users( PersonID, FirstName, LastName, Email ,Password );
* TABLE coursesForUsers( ID , UserID ,CourseID );
* TABLE courses( CourseID , CourseName ,CourseDescription );
* TABLE feedbacks( FeedbackID , FeedbackDescription , FeedbackRating, CourseID, UserID)

**Creating the GUI for the application (FrameApplication):** As the visitor/registered student, I want to have a graphical interface so that it’s easier to interact with the application. **(3 points) – Eralda Mata**

The main page should consist of: Name and Password textfields; 3 radiobuttons: one to log in, one to sign up, one to see all courses and one to see the most-rated courses; also two buttons one to close the program and one to do the action selected from the radiobuttons.

**Creating a Reader Interface and Class:** As the developer, I want to have a class so it reads all the information from the database and stores it in arrays so that I may have it easier to use them in my application. **(4 points) – Anxhela Cota**

For now just 3 main methods: read all users, read all courses, read all feedbacks.

**Creating the main page of the application:** As the developer, I need a main page to access and test manually everything I’ve done so that I may improve it and debug. **(2 points) – Ina Musta**

* **Sprint nr. 2**

**Insert some data into the tables:** As the developer, I need the tables from the database to have some data so that I may do some testing to see if everything works correctly. **(3 points) – Ensev Miraka**

**Create the sign up frame(**FrameSignUp)**:** As the developer, I need to create a sign-up form so that I may register and further use the application. **(4 points) – Ina Musta**

**Add some methods in the reader class:** As the developer, I need some more methods in the reader class so that I may use them efficiently in other classes. **(2 points) – Eralda Mata**

Methods > readCourseNames(), readCourseDescription(courseName).

**Add some methods in the reader class:** As the developer, I need some more methods in the reader class so that I may use them efficiently in other classes. **(1 points) – Ensev Miraka**

Methods > readCourseID(courseName).

* **Sprint nr. 3**

**Create FrameAccount:** As the developer, I need to create a frame about logged in users, so that they may further use the application. **(4 points) – Ensev Miraka**

**Add some methods in the reader class:** As the developer, I need some more methods in the reader class so that I may use them efficiently in other classes. **(1 points) – Ina Musta**

Methods > readCourseIDS

**Create FrameNoAccount:** As the developer, I need to create a frame for visitors who are not logged in, so that they may see available courses. **(2 points) – Anxhela Cota**

* **Sprint nr. 4**

**Create FrameCourse:** As the developer, I need to create a frame about logged in users, so that they may so that they may see more information about the course and take more actions. **(5 points) – Ensev Miraka**

**Add some methods in the reader class:** As the developer, I need some more methods in the reader class so that I may use them efficiently in other classes. **(1 points) – Ina Musta**

Methods > averageRatingOfCourse(courseID)

**Create FrameNoCourse:** As the developer, I need to create a frame for visitors who are not logged in, so that they may see more information about the course. **(3 points) – Eralda Mata**

**Add some methods in the reader class:** As the developer, I need some more methods in the reader class so that I may use them efficiently in other classes. **(2 points) – Anxhela Cota**

Methods > hasLeftFeedbackForCourse(int userID,int courseID) , courseNameById(int courseID)

* **Sprint nr. 5**

**Create FrameFeedback:** As the developer, I need to create a frame about logged in users, so that they may so that they may leave feedbacks about the course they’re registered in. **(3 points) – Ensev Miraka**

**In the class Writer add methods:** As the developer, I need to make some actions with the database so I can make other parts of the application functional.

leaveFeedback(), **(1 point) – Ina Musta**

register(), **(1 point) – Eralda Mata**

unregister**, (1 point) – Anxhela Cota**.

* **Sprint nr. 6**

**Testing:** As the developer, I need to make sure everything works correctly so that no problems arise. **(5 points) – Ensev Miraka**

Added Account class in Bussiness Layer. – **(3 points) – Ensev Miraka**

Added FrameMostRated frame – **(4 points) – Ensev Miraka**

Test coverage: Atleast 50%