

MARMARA UNIVERSITY FACULTY OF ENGINEERING
COMPUTER ENGINEERING

OBJECT ORIENTED SOFTWARE DESIGN

Iteration 1

Requirement Specification Vision and Scope

The aim of the “Iterative analysis, design and implementation of a Course Analysis System” is to create a Java based object oriented implementation of the Course Analysis System. We do what a transcript contains for 8 semesters, the program begins, students are formed, You teach these, attend the classes, take the exams, fail or pass, get a grade, and a gpa is formed according to that. This is repeated 8 times and ends at the end. The Project will have three steps. It will change and develop in each step depending on the demands and feedback of the customer.

Functional Requirements

- We do what a transcript contains for 8 semesters.
- The program begins.
- Students are formed.
- You teach these attend the classes, take the exams, fail or pass, get a grade, and a gpa is formed according to that.
- This is repeated 8 times and ends at the end.

Nonfunctional Requirements

Usability:

- Outputs and logs of the system should be printed with an organized manner to be easily understood by the user.

Reliability:

- Components of the project code will be tested alongside the implementation phase to ensure that they are functional.

Portability and compatibility;

- Since the program is written in Java and Java runs on billions of devices on the planet.

Stakeholders

Customers:

- Murat Can Ganiz
- Lokman Altın

Developers:

- Ahmet Aslan
- Muhammed Zahid Mansız
- Beşir Ezgin
- Obaidah Kalajo
- Laith Salah