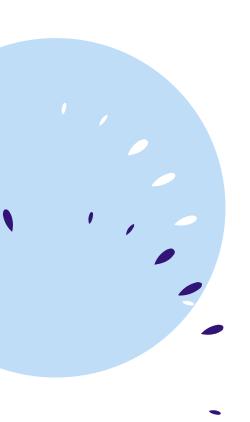
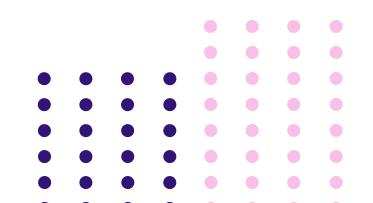
RIGEL 31 MAY 2023

CS319
OBJECT-ORIENTED SOFTWARE ENGINEERING

FINAL PRESENTATION





OUR TEAM



AYTEKIN ISMAIL



ECE ATEŞ
22002908



IZGI NUR TAMCI



ZEYNEP BEGÜM KARA



ÖMER ASIM DOĞAN

AYTEKIN ismail

Mainly worked on these parts:

- Frontend implementation
- UI design
- Reports



Animation & CSS



Frontend Integration



Backend Integration for Frontend

ECE ATEŞ

Mainly worked on these parts:

- Backend implementation
- JSON requests
- Reports



JSON Requests & Local Database



Frontend Integration



Backend Entities / Controllers

iZGi NUR TAMCI

Mainly worked on these parts:

- Frontend implementation
- Google Drive API integration
- UI design
- Reports



Drive API Integration with Frontend



Student Main Page / Functionalities



Different UI Libraries

ZEYNEP BEGÜM KARA

Mainly worked on these parts:

- Backend implementation
- Google Drive API integration
- UI design
- Reports



Google Drive API Backend Integration



Auto-Generated PDFs



Report Diagrams / Mock-Ups

ÖMER ASIM DOĞAN

Mainly worked on these parts:

- UI design
- Frontend Code
- Reports



Mock-Ups



Reports



Frontend Design

MEETING STATISTICS

16
Zoom Meetings

10 Library Meetings



APPLICATION DOMAIN

Begüm Çınar (CS Department Secretary)





Bilkent students

(completed at least one of their mandatory insternships.)

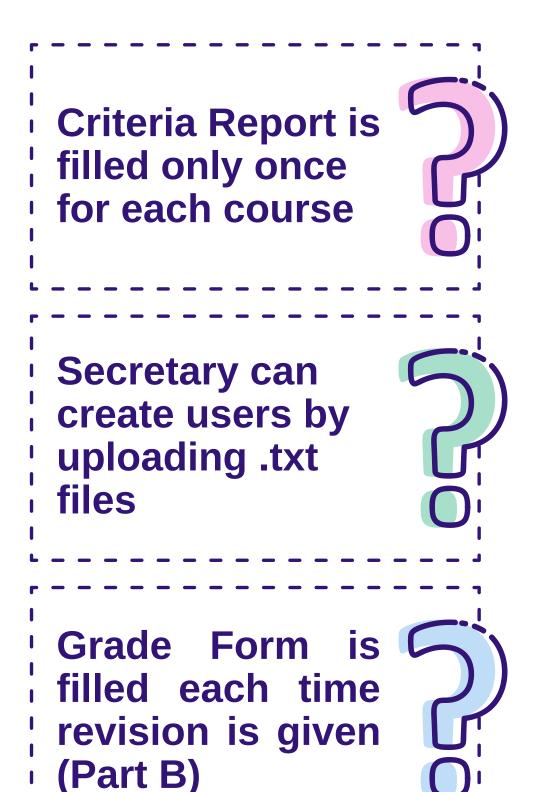


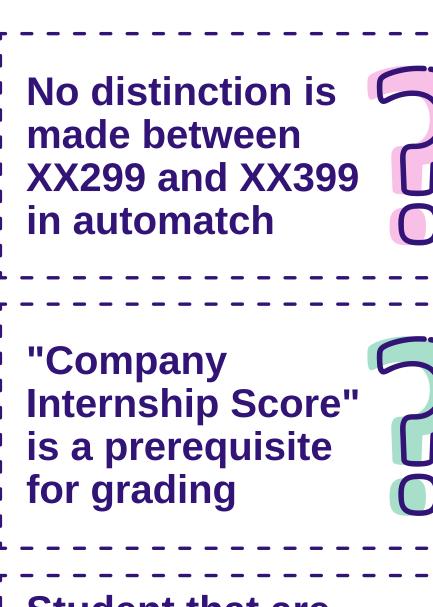


Selim Aksoy (CS Department Chair)

BEGÜM ÇINAR

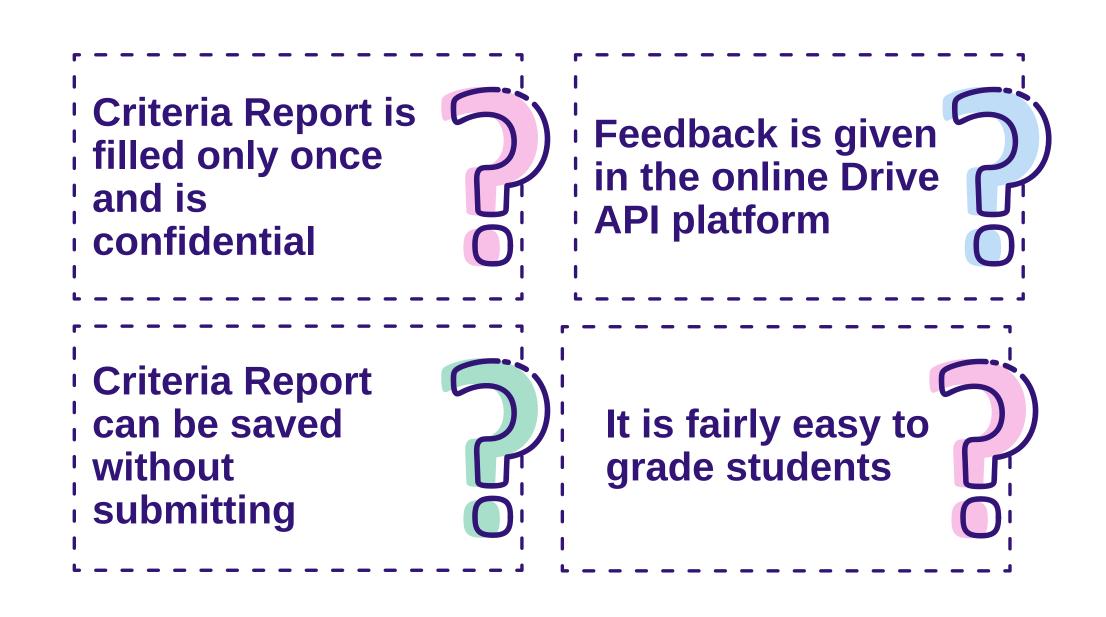
Functionality we have added according to her expectations and needs:





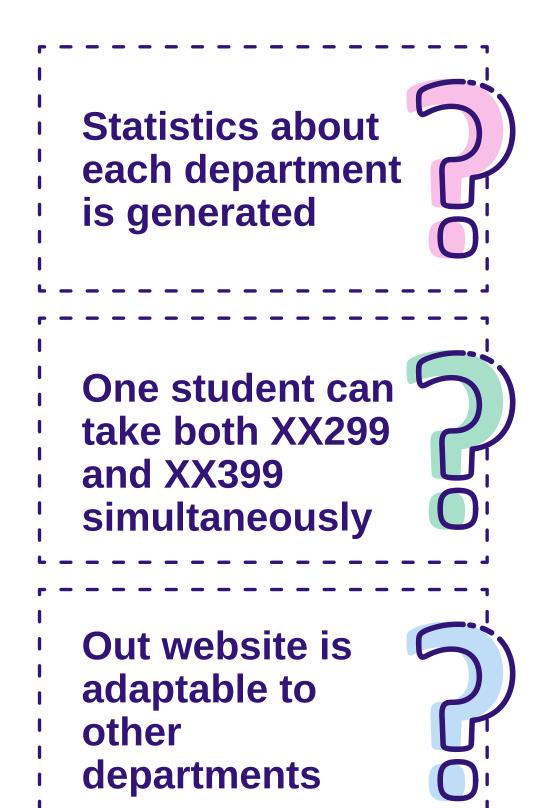
ERAY TÜZÜN

Functionality we have added according to his expectations and needs:



SELIM AKSOY

Functionality we have added according to his expectations and needs:





BILKENT STUDENTS

Functionality we have added according to their expectations and needs:



OUR WEBSITE'S MAIN FUNCTIONS



OUR WEBSITE'S FUNCTIONALITY

Automatch

Once the Department Secretary has started the semester, all students are matched with an instructor

Auto-filled PDFs

When one course is completed or revision is asked for an internship report, an auto-filled PDF for the Grade Form can be created

Statistics

It is possible for each user to view statistics related to their department

Status Progress

A course's status can be viewed easily on instructors' and students' main pages. They are color-coded so they are easily understood.

TECHNOLOGIES WE'VE USED

Sunumlar; konuşma, rapor olarak ve başka şekillerde kullanılabilen iletişim araçlarıdır.



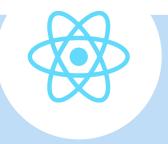
Google Drive API

To upload, view and comment on Internship reports



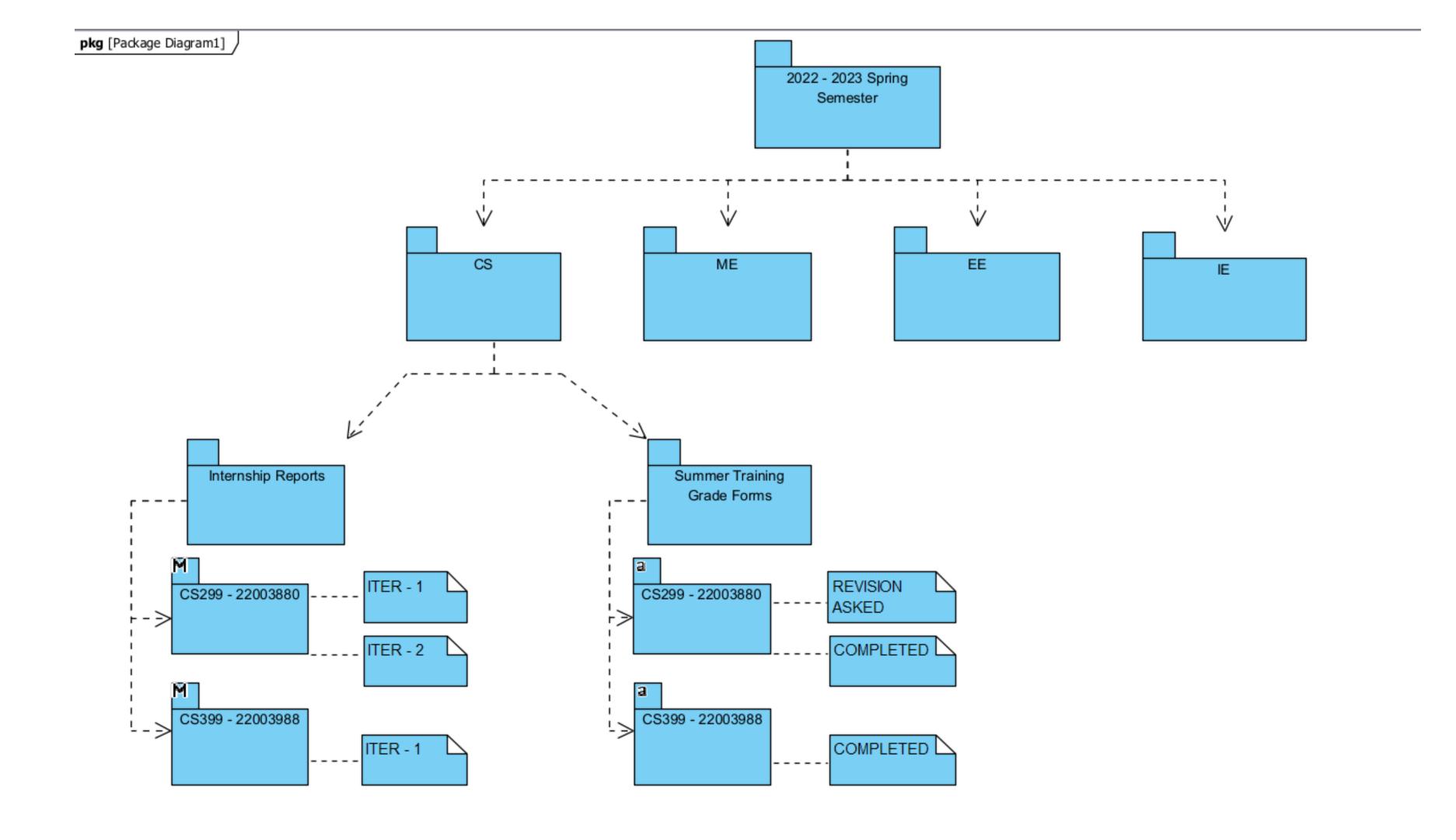
Spring Boot

For backend infrastructure, and communication with database



React.js

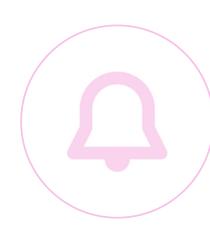
For frontend infrastructure, and communication with beackend.



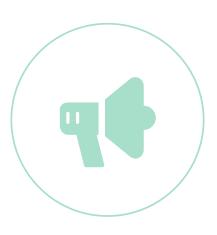
SOME FEATURES WE'D REMOVED



MongoDB



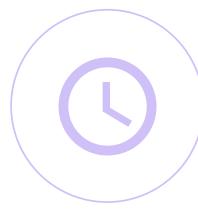
Notifications



Announcements



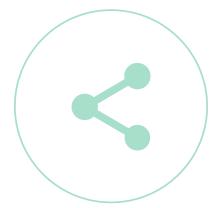
View and Comment on Report in the same page



Deadline Extension Requests



Profile Pages



Editing student- instructor matchings



Deleting users



TA & Department Chair classes

TRADE-OFFS

Usability

Google Drive Interface



Security

Confidential reports, new user creation



Usability

Google Drive API







Security

2-factor authentication, automatic timeout logout



Automation

Creating users from .txt files



Maintenance

API updates