ÇANKAYA ÜNİVERSİTESİ

Department of Computer Engineering

EXAM PROCTOR AND CLASS ASSIGNMENT SYSTEM

CENG407 – Innovative System Design and Development I

Students
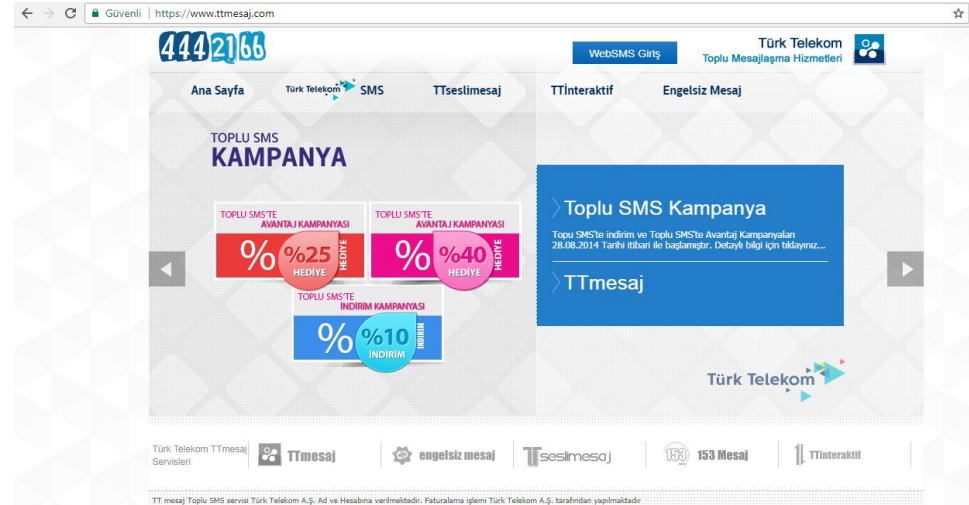ELİF KOÇ & DENİZ ÇIKIŞ & BAŞAK ERGİN
Advisor
GÜL TOKDEMİR

OUTLINE

17/01/2018

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GES TELEKOM is a company provides:

- SMS and MMS
- IoT(Internet of Things)
- 20 years
- 30 employees
- Branch in Istanbul

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- ❖ Process of distributing exams manually
- ❖ Takes more time
- ❖ Conflicts of exam places and time

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SOLUTION

❖ To make people put less effort
❖ Increase their productivity

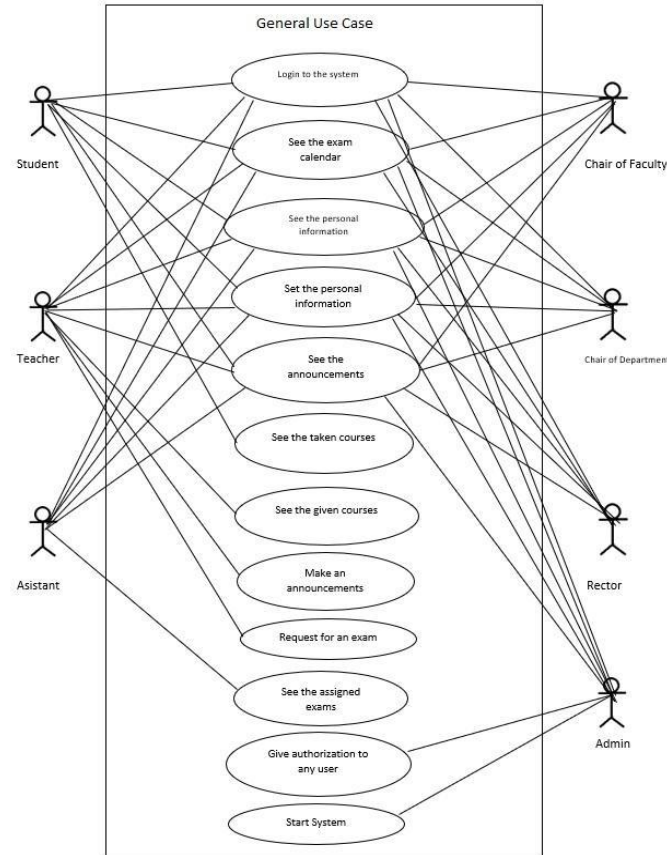17/01/2018   ELİF KOÇ & DENİZ ÇIKIŞ & BAŞAK ERGİN

PROJECT AIM

❖ Exam Proctor and Class Assignment Project is a system that distributes exams, classes, and proctors without conflicts and overlaps which many educational organizations' need.
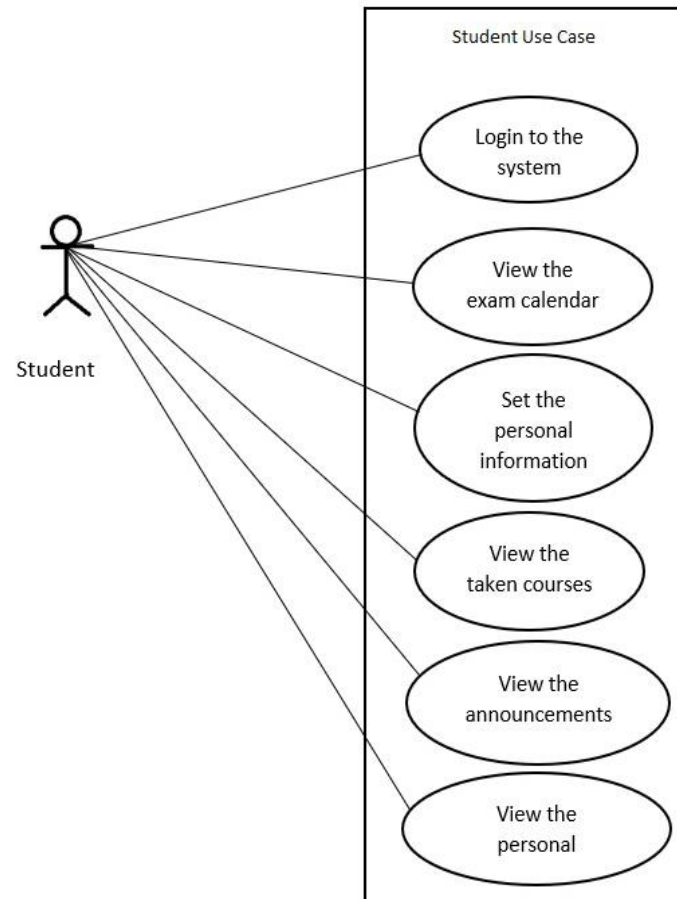
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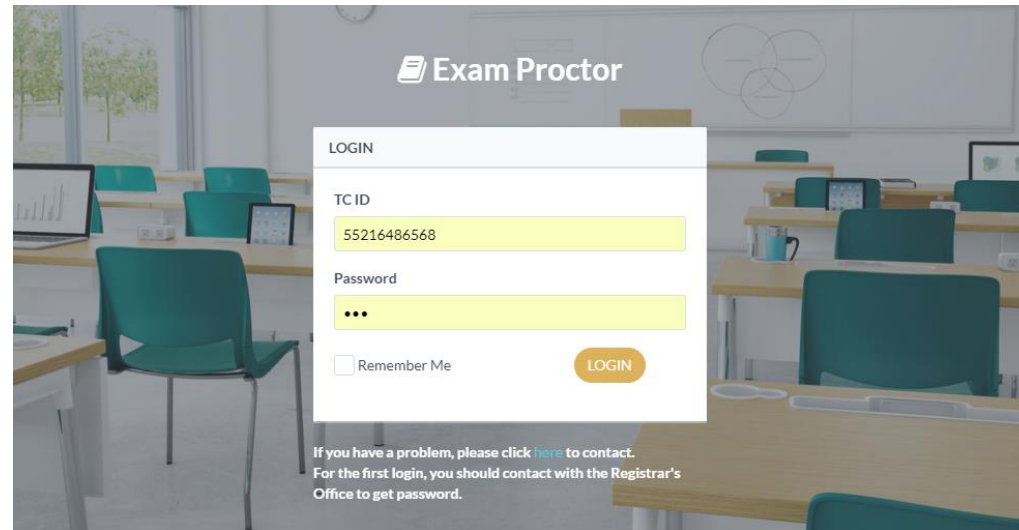
Figure 1: System Environment

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Figure 2: Student Use Case

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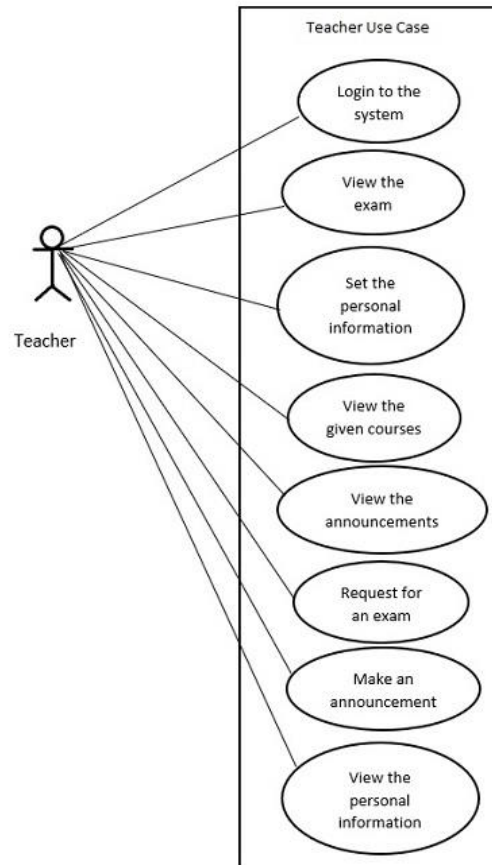
Figure 3: Teacher Use Case

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Figure 4: Assistant Use Case

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Figure 5: Department Chair Use Case

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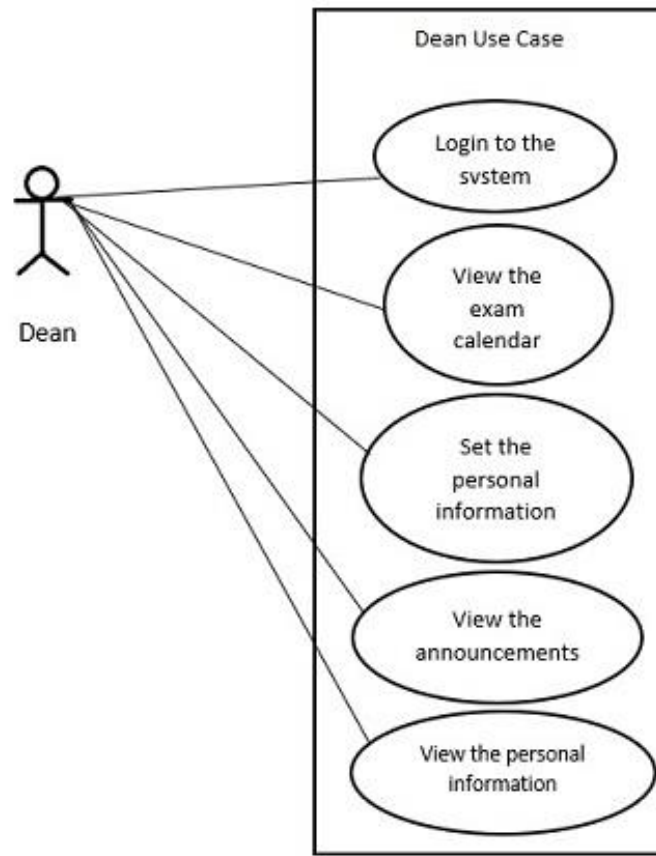
Figure 6: Dean Use Case

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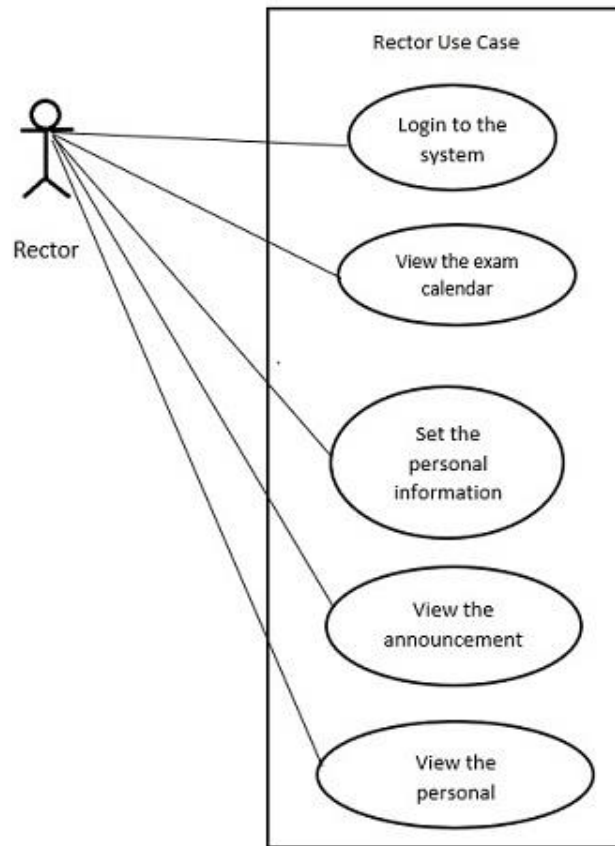
Figure 7: Rector Use Case

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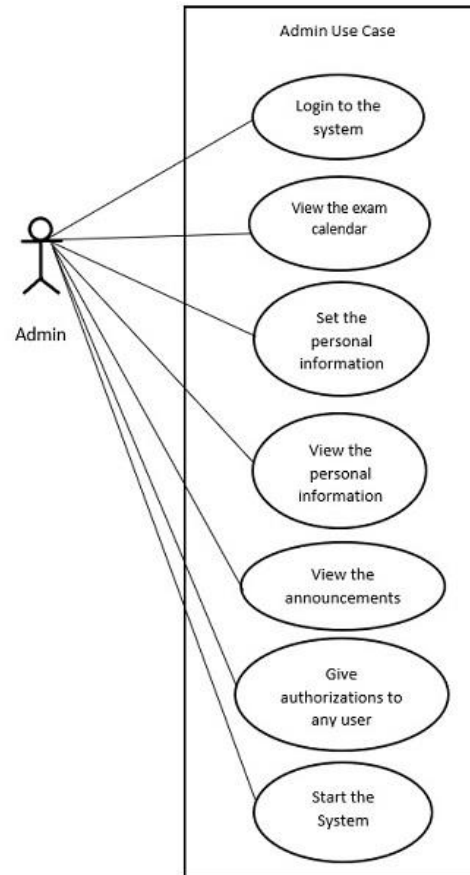
Figure 8: Admin Use Case

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DEPLOYMENT DIAGRAM
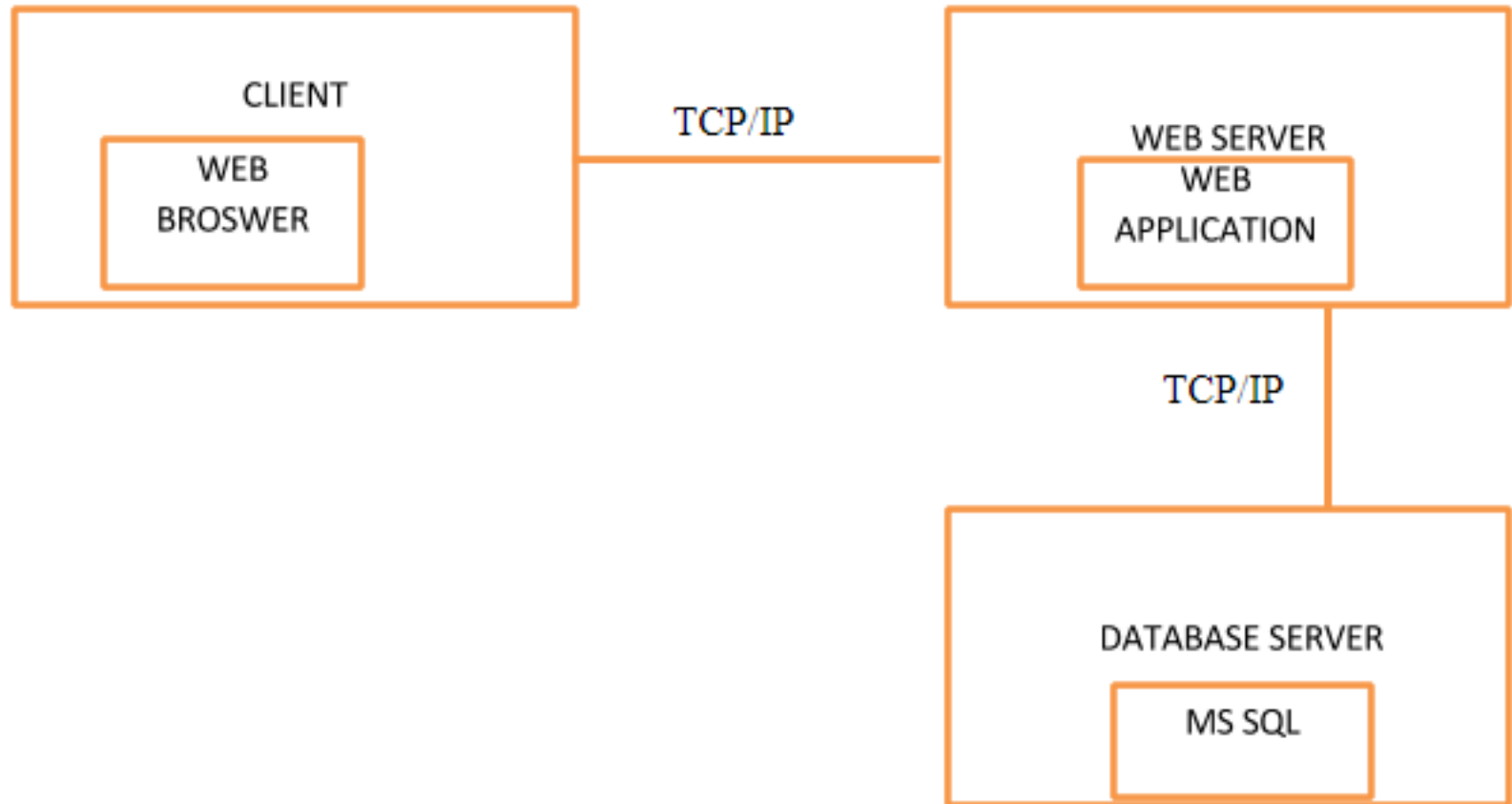
Figure 9: Deployment Diagram

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Figure 10: UML Class Diagram [2]

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PROJECT DESCRIPTION(Continued)
ER Diagram
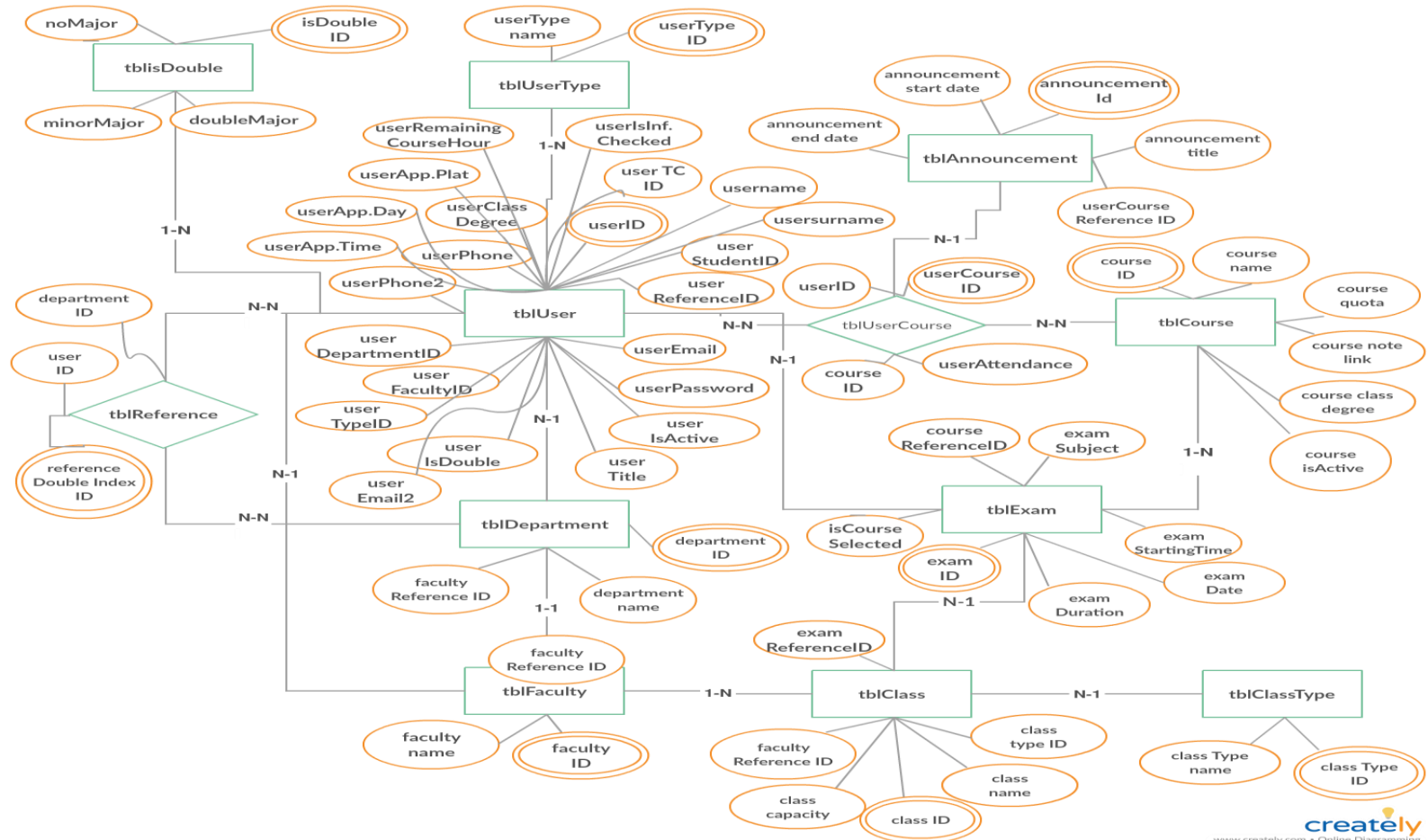
Figure 11: ER Diagram [2]

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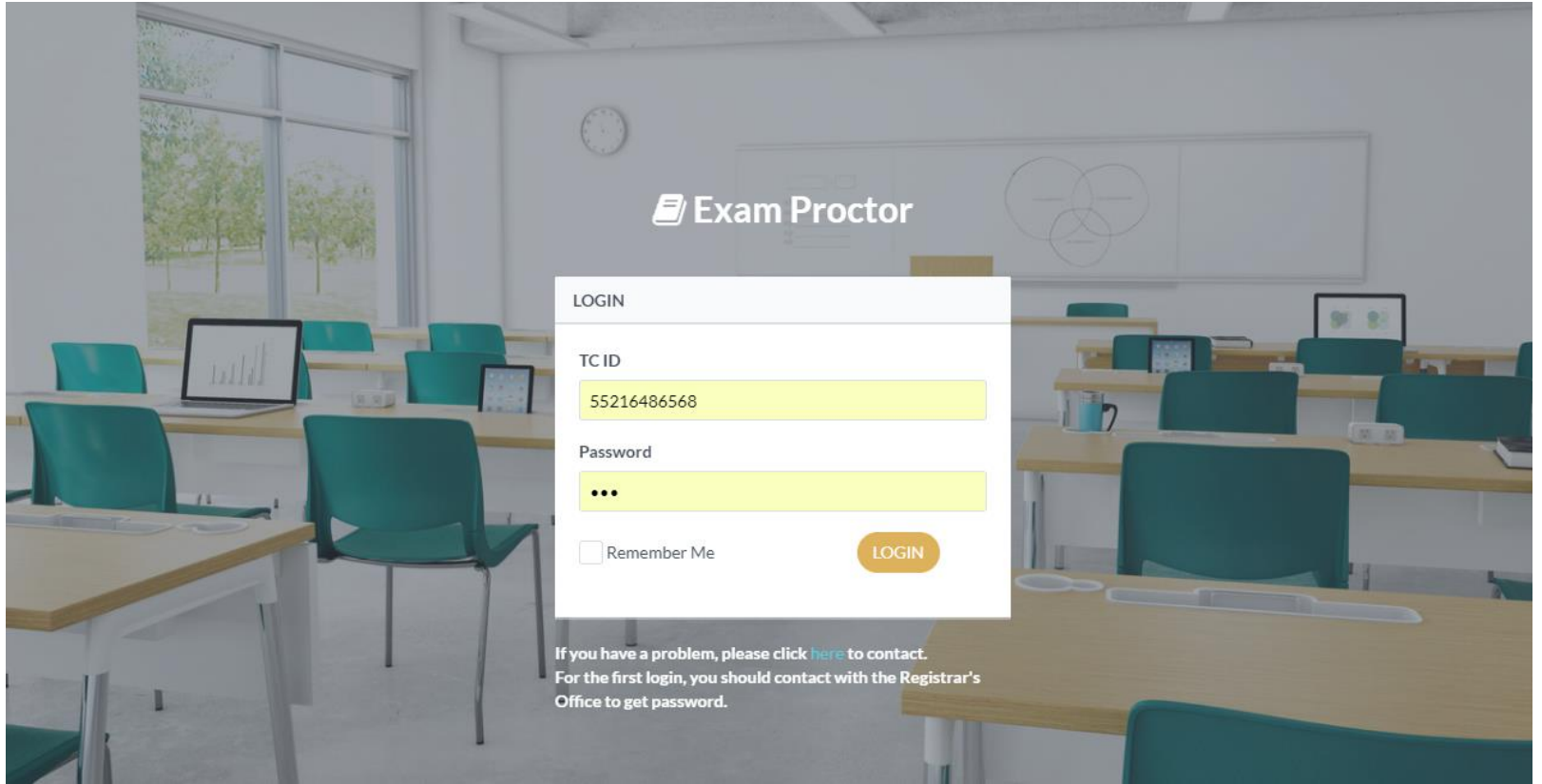
Figure 12: Login Page Interface Design

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USER INTERFACE DESIGN(Continued)
Login Access Page

Figure 13: Login Access Page Interface Design

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Figure 14: Settings – Contact Information Page Interface Design

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Figure 15: Settings – Notification Page Interface Design

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Figure 16: Settings – Password Page Interface Page

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WORK BREAK-DOWN STRUCTURE
(First Semester)

Exam Proctor & Class Assignment System – Part I

- Literature Searching
  - Searching for Algorithms
  - Writing Literature Report
- Writing SRS Document
  - Requirement Specifications
  - Non-functional Requirements
  - Designing Website
- Writing SDD
  - Designing Deployment Diagram
  - Database Design
  - Creating ER Diagram
  - Creating UML Class Diagram
  - Preparing GUI Design
- Code Implementation
  - Login Page
    - Coding
    - Creating Template
    - Fitting template to Login Page
    - Testing
  - Login Access Page
    - Coding
    - Creating Template
    - Fitting template to Login Access Page
    - Testing
  - Settings Page
    - Coding
    - Creating Template
    - Fitting template to Settings Page
    - Testing
  - Other Pages
    - Coding
    - Creating Template
    - Fitting template to Other Pages
    - Testing
- Writing Project Report

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GANTT CHART
(Second Semester)

Weeks	Task Name	Duration	12-26.02.2018				12-26.03.2018					09-23.04.2018					07-21.05.2018					04-11.06.2018				
			T	W	T	F	M	T	W	T	F	M	T	W	T	F	M	T	W	T	F	M	T	W	T	F
1.0	Updating Documents	14	▓	▓	▓	▓																				
1.1	- SRS	14	▓	▓	▓	▓																				
1.2	- SDD	14	▓	▓	▓	▓																				
2.0	Preparing Test Plan	14					▓	▓	▓	▓																
3.0	Preparing Software Product	14										▓	▓	▓	▓											
4.0	Preparing User Guide	14										▓	▓	▓	▓	▓	▓	▓	▓							
5.0	Creating Project Report	14															▓	▓	▓	▓						
6.0	Creating Project Poster	14																				▓	▓	▓	▓	▓
70	Creating Project Presentation Document	14																				▓	▓	▓	▓	▓

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RESULTS AND CONCLUSION

* ❖ In conclusion, this web application will make it easier to assign exams, classes and proctors in educational organizations

* ❖ With this system, educational organizations will be able to prevent overlaps and conflicts in their exam schedules

* ❖ We learnt steps of software development in detail

* ❖ We will have hands on experience in a real-life project

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ACKNOWLEDGEMENT

❖ Also, we would like to thank to company engineers; Emrah Yıldırım , Mesut Çelebi and Feyza Filiz who helped us during this project for 11 hours in each 14 weeks.

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REFERENCES

[1] GES TELEKOM https://www.ttmesaj.com/

[2] Creately, UML Class Diagram and ER Diagram
https://creately.com/

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DEMO

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THANK YOU FOR LISTENING

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