

Student Project

SPS Version 1.0

# İstanbul Beykent University Student Application

Project Presentation

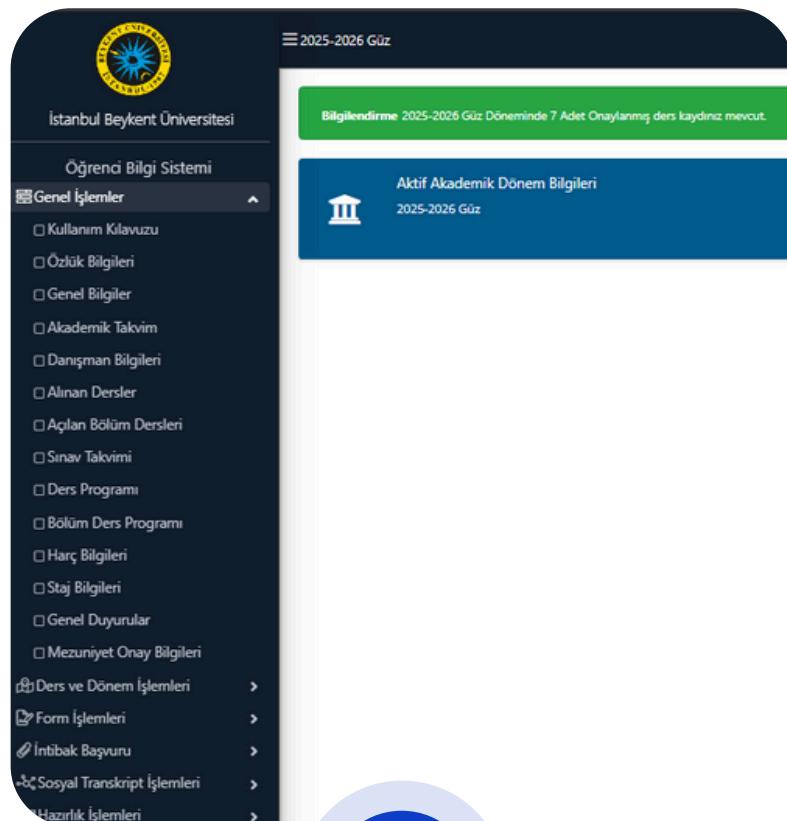
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The student  
information system  
has been restructured  
for greater efficiency.

Feedback from students and findings from the project  
team form the basis of SPS Version 1.0

# Problems



1

Outdated and complex system



2

Multiple fragmented portals that confuse users.



3

Failure to meet current technological demands.

# Solution

1

Compiling the system and bringing it together under a single portal.

2

Creating mobile applications that comply with current technology and requirements.

3

Transitioning to a new database infrastructure due to sustainability and security requirements.

# GUI (Graphical User Interface)

Student Portal / Student Information System

## Student Information System



- General Procedures**  
View profile and personal information.
- Courses & Semester Procedures**  
View grades, course schedules and semester information.
- Application Procedures**  
Submit and track various applications.
- Club Procedures**  
Join student clubs and manage memberships.
- Document Request**  
Request official documents and track status.

**Student Information System**

**Exam Information System**

**Course Material System**

**Vetis e-Library**

**Student Support System**

**Preparatory School System**

**Beykent POS System**

**Student Affairs System**

**System Support**

Student Portal / Exam Information System

## Exam Information System



- Software Engineering**  
Date & Time: 07.01.2026 13:00  
Room: AYZ-E/21
- Physics II**  
Date & Time: 15.01.2026 09:00  
Room: AYZ-204
- Object-Oriented Programming**  
Simulate transcript scenarios and view potential outcomes.  
Room: AYZ-434
- Formal Languages**  
View detailed information about your department's curriculum.  
Room: AYZ-302
- Linear Algebra**  
Date & Time: 10.01.2026 14:30  
Room: AYZ-105

**Student Information System**

**Exam Information System**

**Course Material System**

**Vetis e-Library**

**Student Support System**

**Preparatory School System**

**Beykent POS System**

**Student Affairs System**

**System Support**

# GUI (Graphical User Interface)

Student Portal / Student Information System / Exam Results

## Exam Results

View your exam grades and class statistics.

Course Name	Midterm (40%)	Final (60%)	Overall Grade
Introduction to Programming	65	72	69 C+
Calculus	54	77	71 B
Academic English	58	76	69 C
Physics I	84	90	88 A
Linear Algebra	79	91	89 A-
Economics I	53	71	65 C
Basic English II	53	71	66 C
Sociology	68	74	72 B-

Distribution of Overall Grades

The graph shows the distribution of overall grades. The x-axis represents the grade range from <50 to 90-100. The y-axis represents the percentage from 0% to 30%. The distribution is roughly bell-shaped, with the highest frequency in the 70-79 range, which is explicitly labeled as 27 Students and 27%.

Student Portal / Course Material System

## Course Material System

Software Engineering

- Software Engineering Lecture Notes 1.pdf Reminder: Check out the lecture notes for the exam preparation!  
Dated: 27.12.2025
- Agile Software Development.pdf  
Dated: 25.12.2025
- Design Patterns.pptx  
Dated: 20.12.2025

Announcements

Physics II

- Physics II Lecture Slides Week 1-2.pptx New  
Updated 10.01.2026
- Electromagnetic Waves.pdf  
Dated: 05.01.2026

Object-Oriented Programming

- OOP - Inheritance and Polymorphism.pdf Updated  
Dated: 08.01.2026
- Design Principles.pptx Updated  
Dated: 05.01.2026

Formal Languages

- Introduction to Formal Languages.pdf  
Dated: 25.12.2025
- Finite Automata Lecture Slides.pptx  
Dated: 20.01.2026
- Formal Languages - Textbook Chapters 1-3.pdf  
Dated: 20.12.2025

# Target Group



## Students

Students who have recently joined our school or are currently enrolled in our school.



## Lecturers and school staff

Lecturers and general staff using these systems at the school.

# Technologies Used in Design and Development



Mobile Application : Flutter Framework & Dart Programming Language

Backend and API : Node.js or Python

Database : PostgreSQL

Design and Prototyping : Figma

# System Architecture and Integration

