# Workload Distribution – Group 3

Throughout the project, all group members collaborated closely to ensure the successful completion of every milestone. From initial planning and design to final implementation and testing, every key decision was made through unanimous agreement, reflecting a strong sense of teamwork and shared responsibility. Deliverables, such as design diagrams and documentation, were prepared collectively. However, during the development phase, tasks were divided based on specialization, with **two members focusing on frontend development** and **three members working primarily on the backend**.

Final integration, system testing, and preparation of the demo were again performed collaboratively, with all members actively participating. Below is a detailed breakdown of individual contributions based on roles and responsibilities.

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### *Alperen Karslıoğlu*

**Role:** System Architect & Backend Developer, Project Manager
**Key Contributions:**

- Led the architectural design of the system.
- Co - designed class hierarchies and database schemas.
- Modeled all primary entities in the backend.
- Handled key backend features including:
    - Security and authentication modules
    - TA swap request logic
    - Additional TA request mechanism
    - Excel export functionality
    - Email sending service

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### *Ata Eren Kılıç*

**Role:** UI Designer & Frontend Developer
**Key Contributions:**

- Designed user interfaces with a focus on usability.
- Implemented frontend pages for:
    - Dean's Office
    - Admin panel
    - Partial implementation of Instructor view
- Developed assignment interfaces for both manual and automatic TA allocations.

- Applied frontend-side validation and conditional rendering for meaningful and error-free data input.

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## *Başar Çubukçuoğlu*

**Role:** UI Designer & Frontend Developer
**Key Contributions:**

- Implemented frontend pages for:
    - Department Secretary
    - Instructor
    - TA
    - TA-Instructor schedule coordination
    - TA assignment interface
- Developed the "Forgot Password" page.
- Integrated Excel log viewing and start-of-semester Excel import functionalities into the frontend.

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## *Emir Atlas*

**Role:** System Architect & Backend Developer
**Key Contributions:**

- Co-designed system architecture, class hierarchies, and database schemas.
- Implemented core backend functionalities including:
    - TA workload calculation logic
    - Logging mechanisms
    - TA schedule retrieval
    - Leave request processing

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## *Serdar Bozdağ*

**Role:** Backend Developer, Partial UI Design
**Key Contributions:**
- Developed logic for enforcing assignment restrictions based on TA availability.
- Implemented both manual and automatic TA assignment algorithms and their respective use cases.
- Built general-purpose backend APIs for data fetching.
- Implemented Dean's Office backend modules.