Project Requirements

Team Name: **HighFive**

Project Name: **WorkClaim**

Team Members:

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1. Functional Requirements

- *Users should be able to create profiles from the system.*

- *Users should be able to access to the system by their username and password.*

- *While signing up, the system should authenticate users using their school credentials and assigns roles based on their institutional status.(Student, Teacher, etc.)*

- *The program should grant or restrict access to certain features depending on the user role.*

- *The system should allow users to delete their accounts.*

- *The system should display a list of existing facilities (classrooms, meeting rooms, library seats, conference rooms, etc.)*

- *The program should be able to display the availability status for every facility, by date and time.*

- *Users should be able to reserve the facilities for a time interval depending on their availability status.If the facility is unavailable or booked, the program should prevent the user from reservation.*

- *Users should be able to cancel their reservations.*

- *The program should be able to prioritize the roles in cases of reservation conflicts.The program should notify the user if their reservation is rejected due to priority rules.*

- *The system must store reservation details (user, facility, date, start time, end time).*

- *The system shall prevent users from having more than X active reservations simultaneously, where the value of X is determined based on the user's role.*

2. Non-Functional Requirements

- *The program should have a clean, responsive and efficient user interface.*

- *The program should be able to load the school facilities quickly.*

- *The database should be able to handle large volumes of user data and facility status efficiently.*

- *Users should be able to handle their tasks without having trouble understanding the program.*

- *The program should run on desktop devices only.*

Task Matrix

Tasks	Zafer	Mert Efe	OrhanEfe	Hasan Yiğit	Emre Kaan
Functional Requirements	X	X	X	X	X
Non-*Functional* Requirements	X	X	X	X	X