Product Backlog

Team Name: **HighFive**

Project Name: **WorkClaim**

Team Members:

Emre Kaan Uzunöz – 201101053

Zafer Burak Togur – 241101025

Mert Efe Karayılmaz – 241101058

Hasan Yiğit Sarı – 231101050

Orhanefe Yalçın – 221401026

Table Of Contents

1. Account & Authentication

- **PB-001: Create Profile [Effort: 5 | Priority: 1]**
  - As a new user, I want to create a profile on the system so that I can access the reservation features.
- **PB-002: School Credential Integration [Effort: 5 | Priority: 3]**
  - As a user, I want my role to be recognized automatically in the system when I log in.
- **PB-003: Secure Login [Effort: 3 | Priority: 2]**
  - As a registered user, I want to log in using my username and password to access my personal dashboard.
- **PB-004: Role-Based Access Control (RBAC) [Effort: 8 | Priority: 4]**
  - As a user, I want to have access to the features permitted to my role.

- *PB-005: Delete Account [Effort: 2 | Priority: 12]*
  - As a user, I want to be able to delete my account permanently when I no longer need to use the system.

2. Viewing Facilities

- *PB-006: View Facility List [Effort: 3 | Priority: 5]*
  - As a user, I want to see a list of all existing facilities (classrooms, meeting rooms, etc.)
- *PB-007: Check Availability [Effort: 5 | Priority: 6]*
  - As a user, I want to see the availability status of a facility for a specific date and time.

3. Reservation Management

- *PB-008: Make Reservation [Effort: 8 | Priority: 7]*
  - As a user, I want to reserve an available facility for a specific time interval.
- *PB-009: Cancel Reservation [Effort: 3 | Priority: 9]*
  - As a user, I want to cancel my existing reservations if my plans change.
- *PB-010: Reservation Limits (Rule Check) [Effort: 3 | Priority: 8]*
  - As a user, I want to be able to see how many active reservations I have and how many more I can reserve.

4. Priority & Conflicts

- *PB-011: Priority Booking Handling [Effort: 8 | Priority: 11]*
  - As a high-priority user (e.g., Teacher), I want my reservation request to take precedence over lower-priority users.

- *PB-012: Conflict Notification [Effort: 5 | Priority: 10]*
  - As a user, I want to receive a notification if my reservation is rejected or cancelled due to priority rules.

Task Matrix

Tasks	Zafer	Mert Efe	OrhanEfe	Hasan Yiğit	Emre Kaan
Account & Authentication	X	X			X
Viewing Facilities			X	X	
Reservation Management		X		X	
Priority & Conflicts	X		X		X