

**University of the Philippines Los Baños**  
Institute of Computer Science

# OrgTracks

A Real-Time Interview Activities Tracker  
for the Membership Application Process  
of UPLB Student Organizations

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# Outline

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# Introduction



03



# Background of the Study

Tracking the interview activities within the membership application process of student organizations using general-purpose tools adds unnecessary complexity to the overall process. The burden from the slow and inefficient process is usually carried by organization members, especially officers, which is aimed to be solved by creating a dedicated system for tracking the interview activities for the membership application process of UPLB student organizations.



# Significance of the Study



Reduces the hassle of setting up relevant documents

Eliminates the friction in tracking multiple documents

Automates the process of updating the membership roster in OSAM System



# Objectives of the Study



1

Create a secure web application for the proper management and scheduling of interview activities within the membership application process of UPLB student organizations.



# Objectives of the Study



2

Implement a real-time update feature for displaying the reporting progress of the applicants during the membership application process.



# Objectives of the Study



3

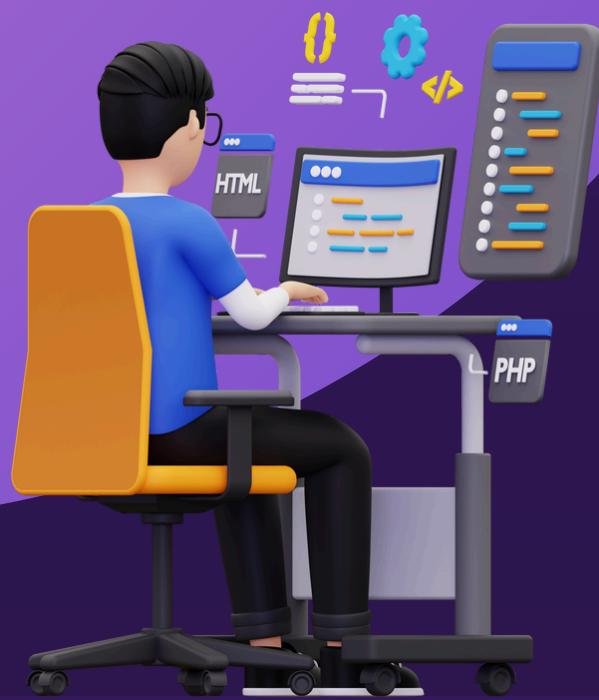
Design and develop a module that will update the membership roster of an organization with the details of the successful applicants via an upload feature to the OSAM System of OVCSA.



# Methodology

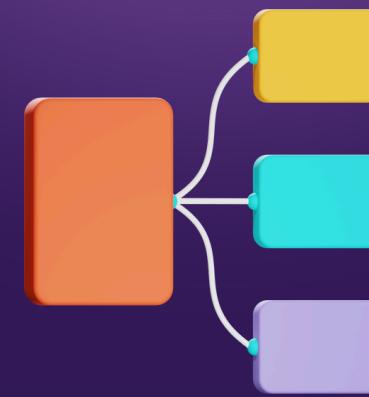


# System Features

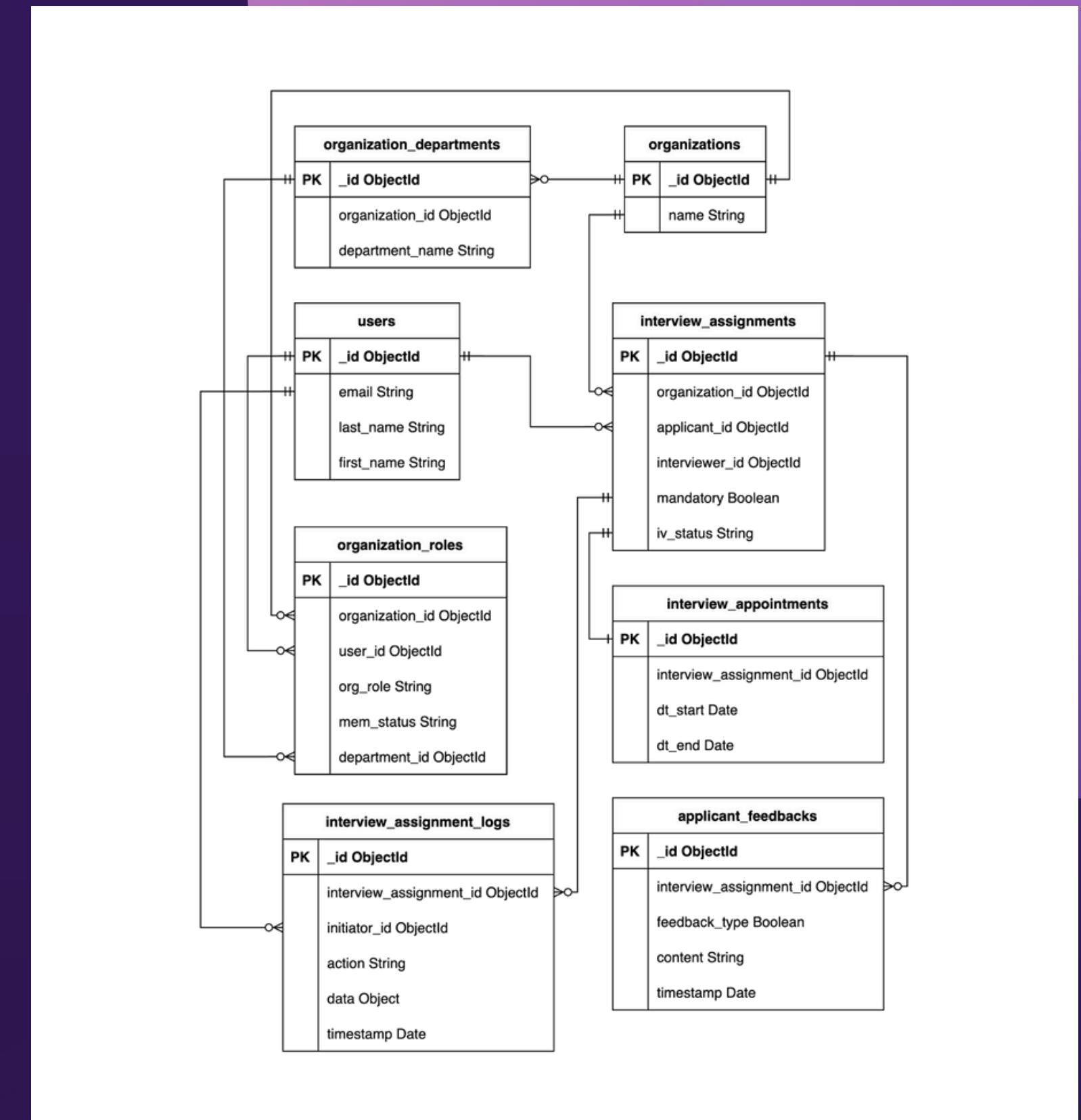


- ✓ User Accounts
- ✓ Organization Information Management
- ✓ Interview Assignments
- ✓ Appointment Scheduling
- ✓ Applicant Evaluation
- ✓ Reporting to OSAM System



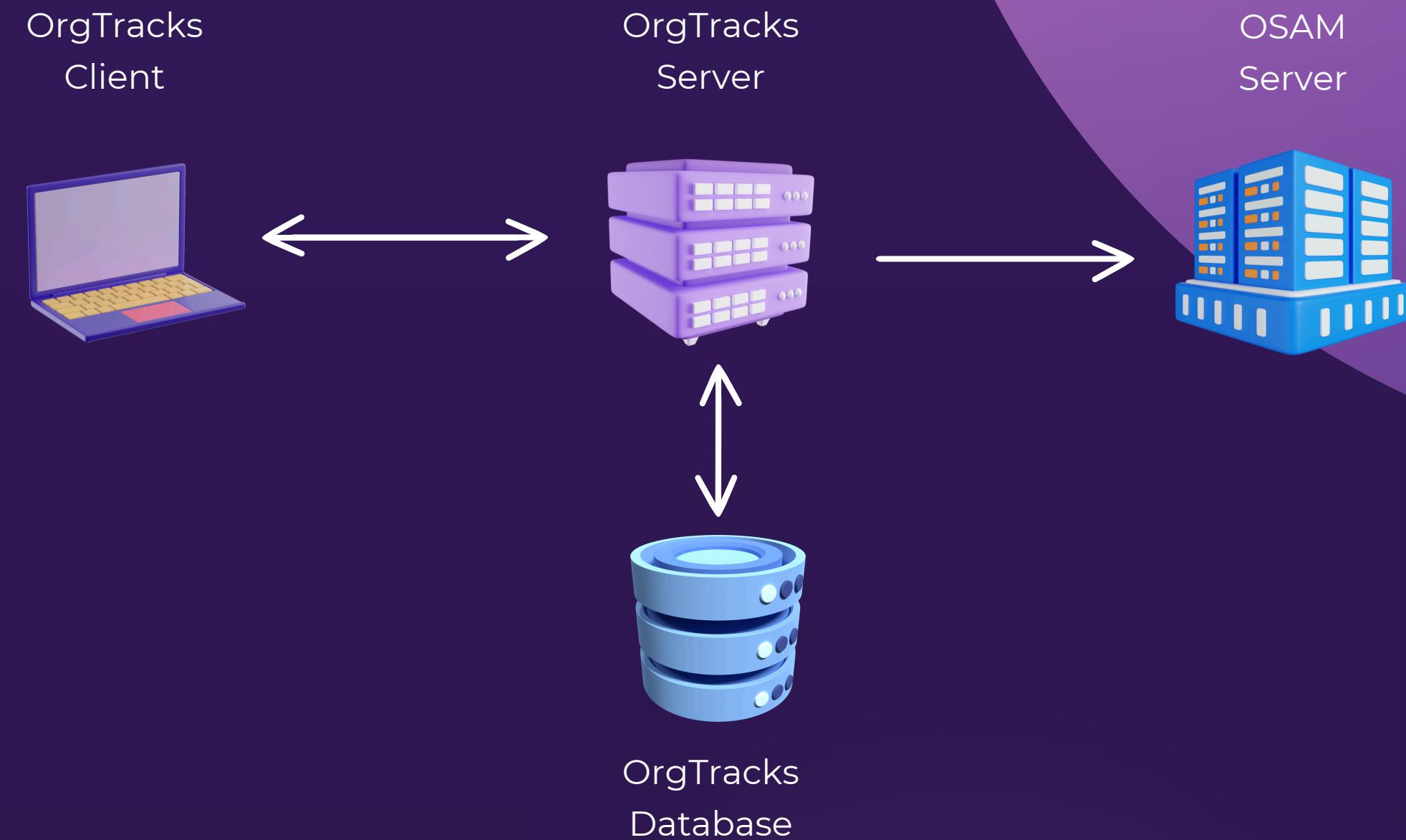


# Entity Relationship Diagram



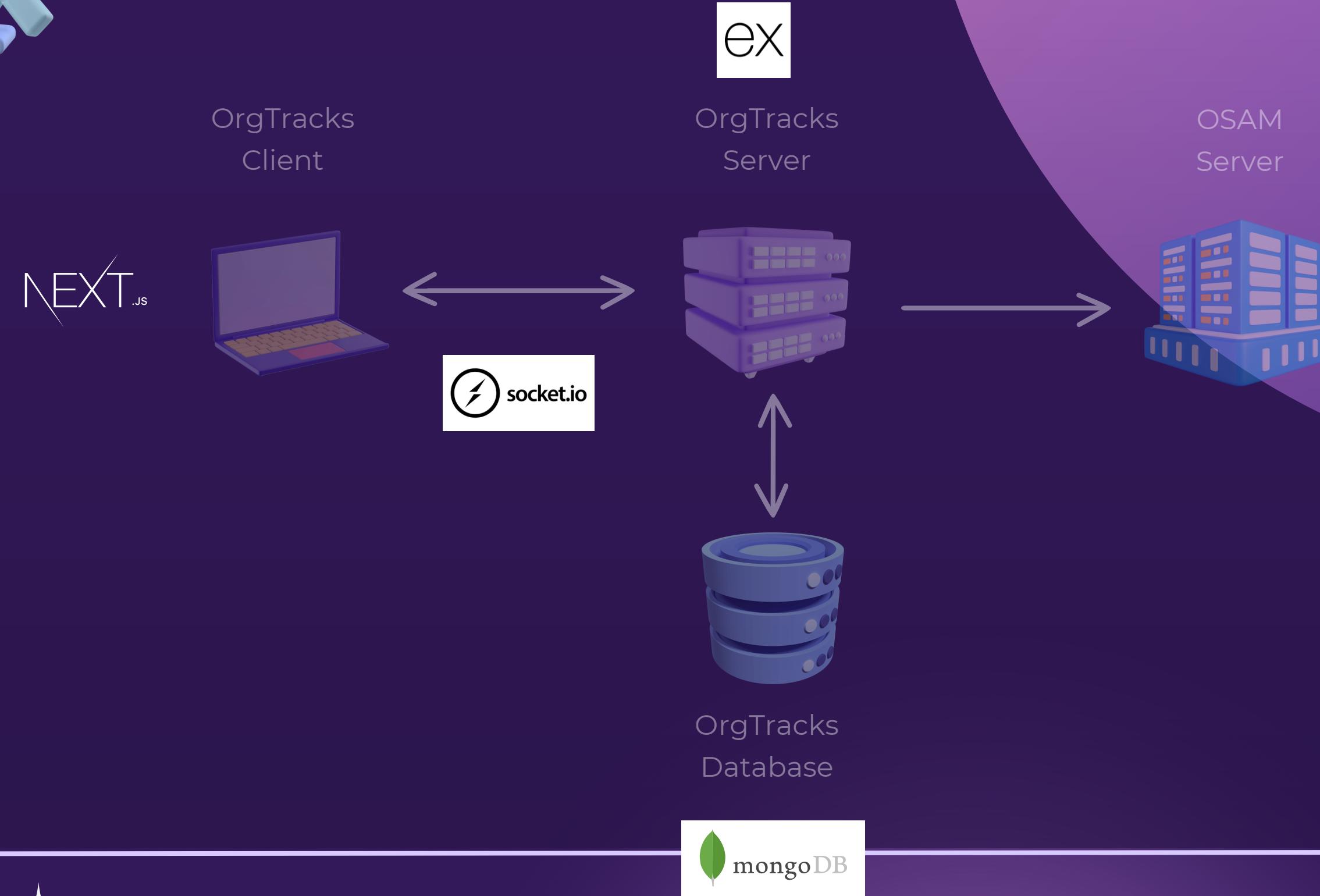


# System Architecture





# Technology Stack





# Testing and Evaluation



UPLB students who are members  
of at least one student organization



System Usability Scale (SUS)  
and Feedback Form



# Results





# Demo





# User Testing and Evaluation



**13** participants, **3** student orgs

- 5 participants from org #1
- 5 participants from org #2
- 3 participants from org #3



Participants had taken **role** as:

- organization admin
- organization officer
- organization member
- organization applicant





# User Testing and Evaluation

79.23

SUS Score





# User Testing and Evaluation



- clean and intuitive user interface
- ease of use
- efficient appointment scheduling





# User Testing and Evaluation



- speed to reflect changes
- inaccurate error messages in some modules
- multiple website crashes
- usually resolved after page refresh





# User Testing and Evaluation



- CSV import
- one-click “select all” action for checkboxes
- minor layout tweaks to align with user intentions



# Conclusion



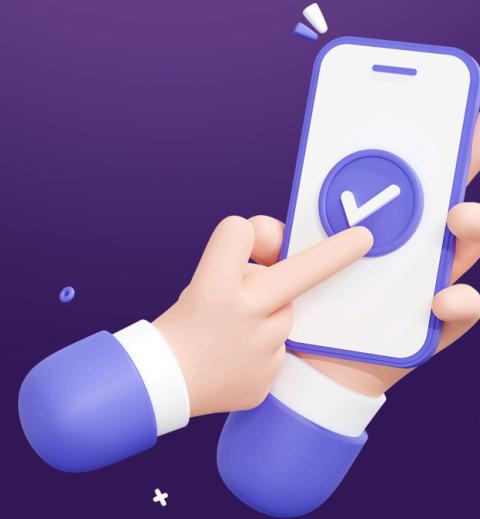


# OrgTracks was developed!

The image displays four screenshots of the OrgTracks web application:

- Login Screen:** Shows the OrgTracks logo and a "Register for an account" button. It includes a Google sign-in button and a "Log in" link for existing users.
- Interview Assignments:** A dashboard showing interview assignments. It lists three completed interviews for "John Heinrich Austria" (via jbaustria@up.edu.ph) and one unscheduled interview for "John Heinrich Austria" (via [REDACTED]@gmail.com).
- Notifications:** A sidebar showing notifications from "Test Organization (TEST)". It includes messages from "John Heinrich Austria" indicating the interview appointment has been marked as done and accepted.
- Calendar:** A weekly calendar for "John Heinrich Austria's Calendar" from April 21 to April 27, 2024. It shows a scheduled interview on Friday, April 26, 2024, from 1:00 PM to 2:00 PM, marked with a green checkmark and the status "Interview Done".





# OrgTracks .was user approved!

79.23

SUS Score

Good

Adjective Rating



# Recommendation



# Recommendation



UX improvements and UI tweaks



Mobile-responsive design



Email notification feature



Dedicated server hosting



# Thank You

