



Student Engagement & Retention Tool

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Brenden Jones

Where I am From: Sheridan, IN

Age: 21

Major: Computer Science
Business

Minor: Information
Systems
Technology

Hobbies: Lifting, Hunting

Alexandr  Northouse

Where I am From: Whiteland, Indiana

Age: 21

Major: Computer Science

Hobbies: Board Games
TV & Movies
Youtube

Isaac McKinney

Where I am From: Muncie, Indiana

Age: 21

Major: Computer Science

Hobbies: Video Games
Music
Programming





Client

Wesley Crouch

CEO of Tudr





tudr



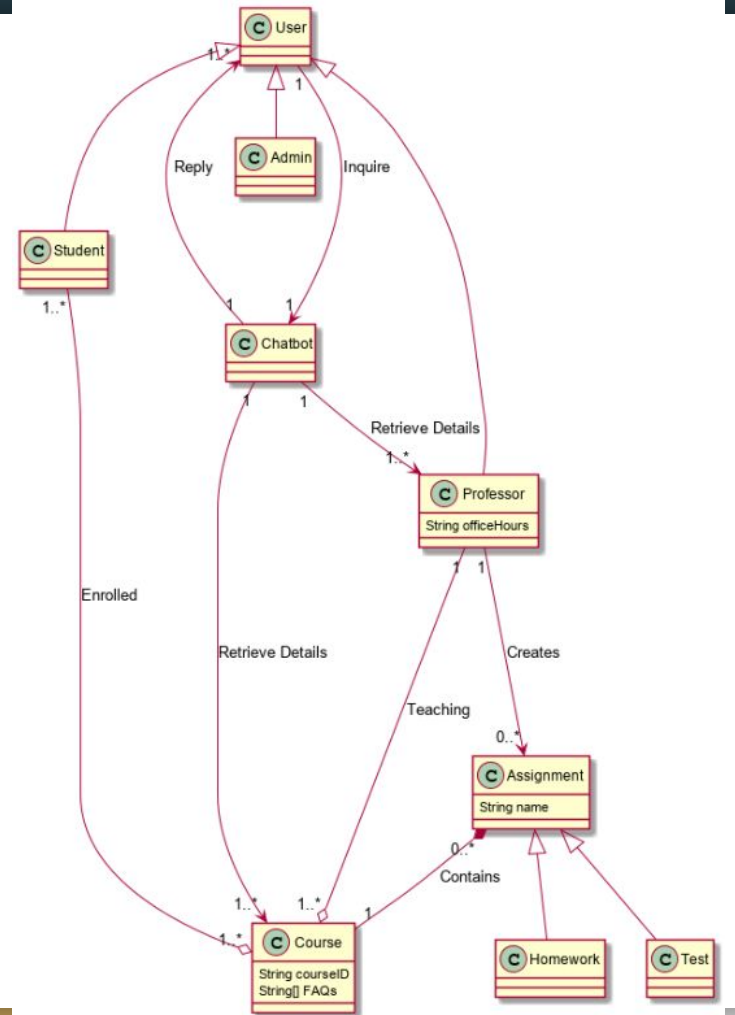
First Meeting



Student Engagement & Retention Tool



UML Graph



Tech Stack

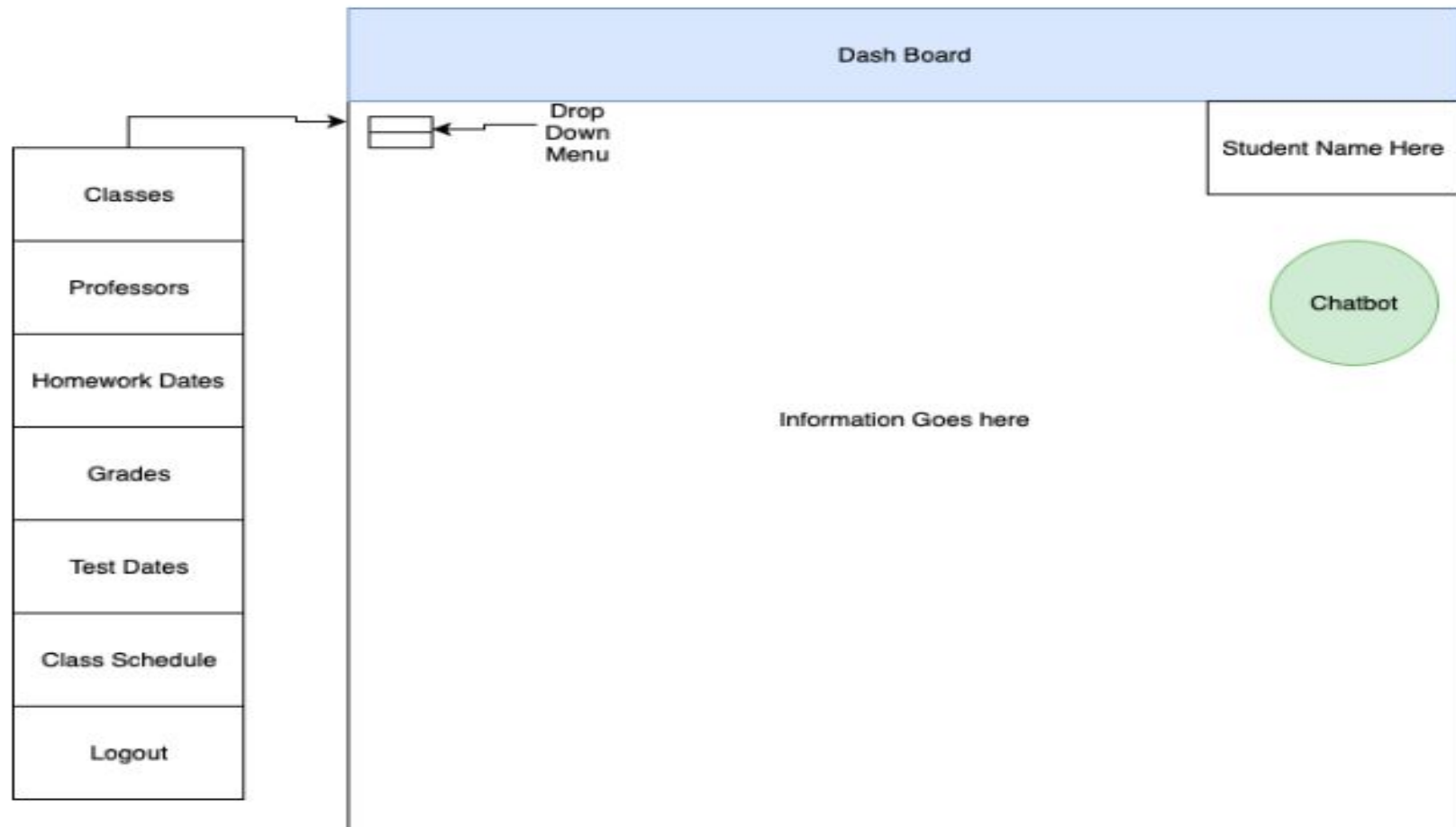
- We will be using Firebase as the database
- We will use Swift, HTML, CSS, Ruby on Rails and PostgreSQL
- We will use AI as the chatbot

Project Goals

- Dashboard
 - professor posts information
 - students can access information
- Chat Bot
 - Using AI for interactions
 - Delivered through SMS

High-level features

- Instructor can input data for HW-grades thresholds or commonly asked questions.
- Student can message chatbot with questions like “Dr. Smith office hours”.
- Chatbot can send messages regarding thresholds and due dates.





First Iteration

First Iteration

- Problems Solved

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- Chat Bot

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