Deliverable 3

Client Tier

Web Client

Mobile Client

Web Interface

RESTful API

Application Tier

Web and Application Servers

Web Server

Application Server
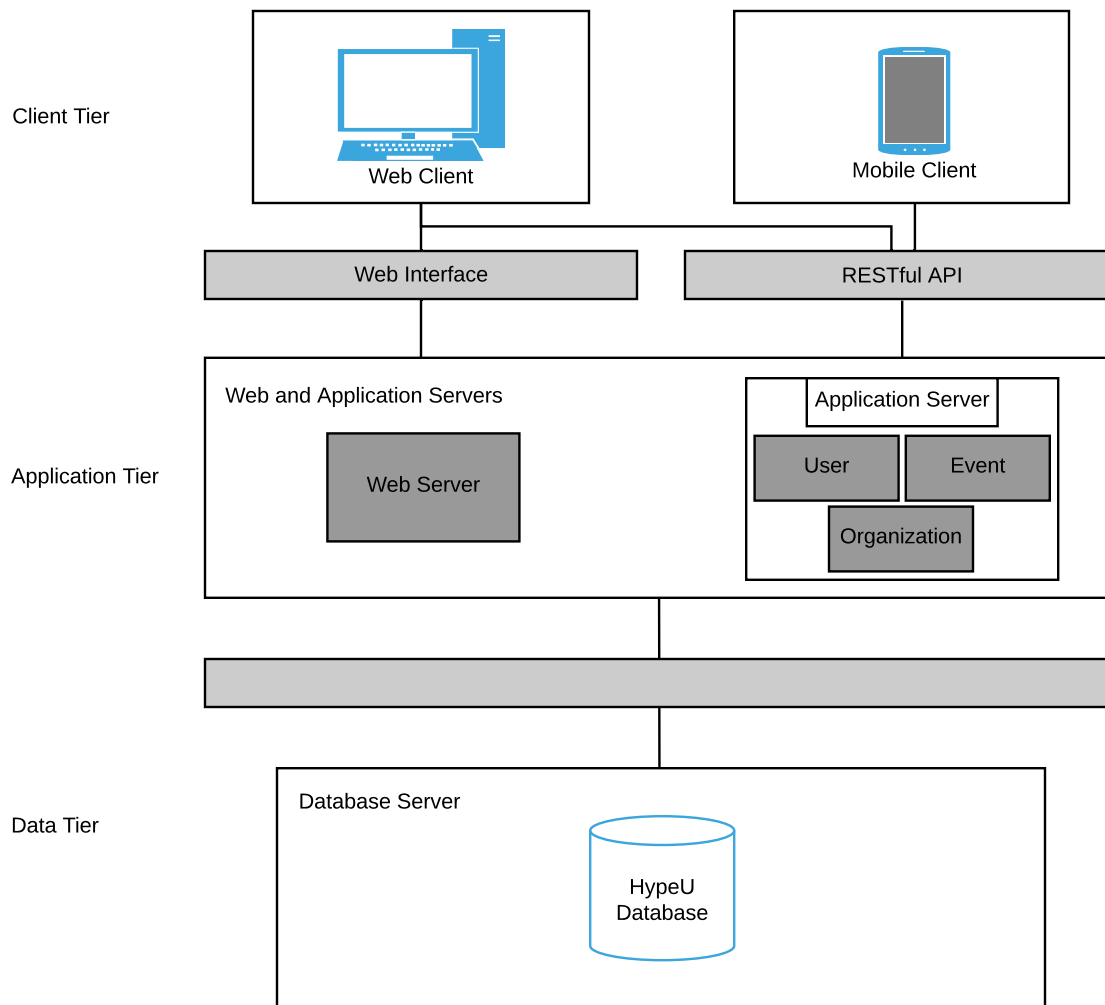
User

Event

Organization

Data Tier

Database Server

HypeU
Database

The model follows the three layer architecture, which consists of the client tier, the application tier, and the data tier. In our architecture, the client tier is represented by the users that connect to the service. The clients can connect to the application through various interfaces, including a website or a mobile app. The application tier is composed of two parts, the web server and the application server. The web server would be for serving the web clients. Meanwhile, all the clients will be connecting to the service via the application server. This server exposes an API for interacting with the objects represented by the database. Finally, the application server connects to the database server which stores our users, events, and organizations.