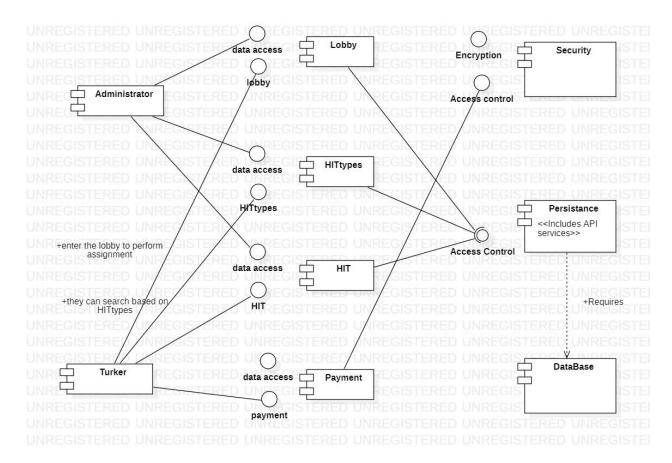
MTurk Framework Design Document

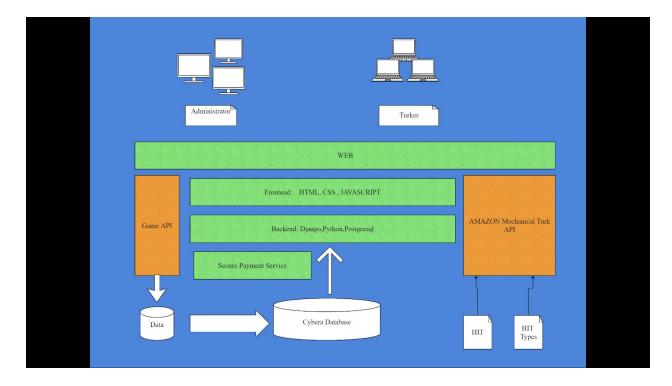
By Akshat, Jay, Jonathan, Muhammad, Walker, Xinjian February 6, 2021

High-Level Architecture

This is a component diagram to include the working of the 4 important components in our application. This shows who has the data access to the 4 components and who is just a user.

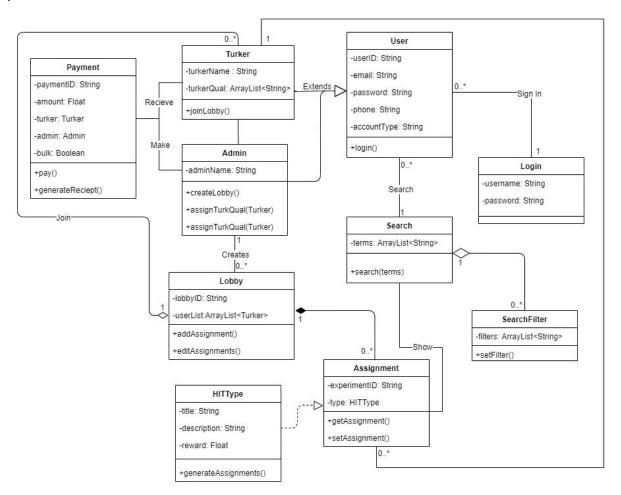


This is an architecture diagram that defines all the programme components that we will use to make our application.



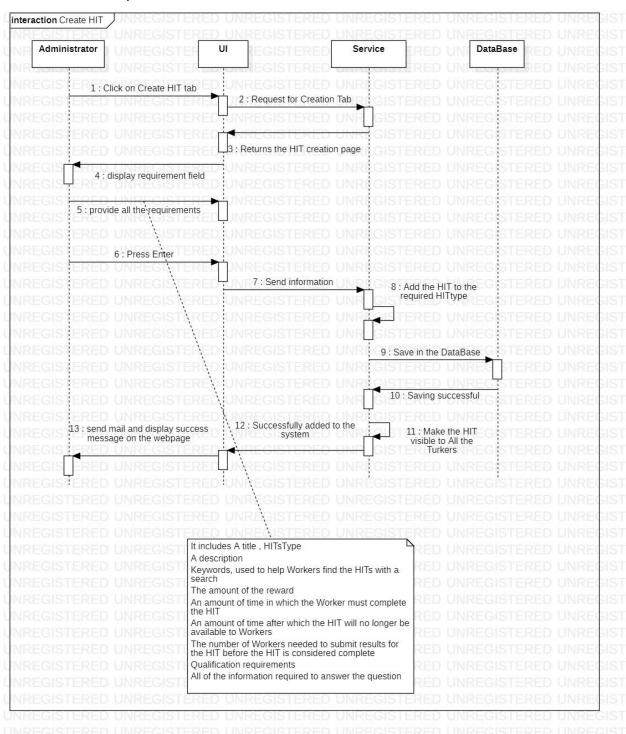
Major Data Elements

The UML class diagram lays out all the major data elements and their relationships that we expect to include in our framework.

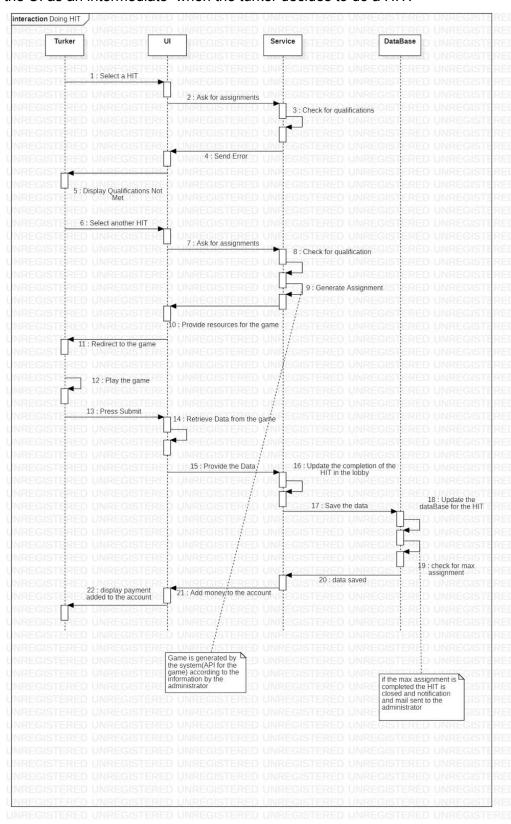


Interaction Scenarios

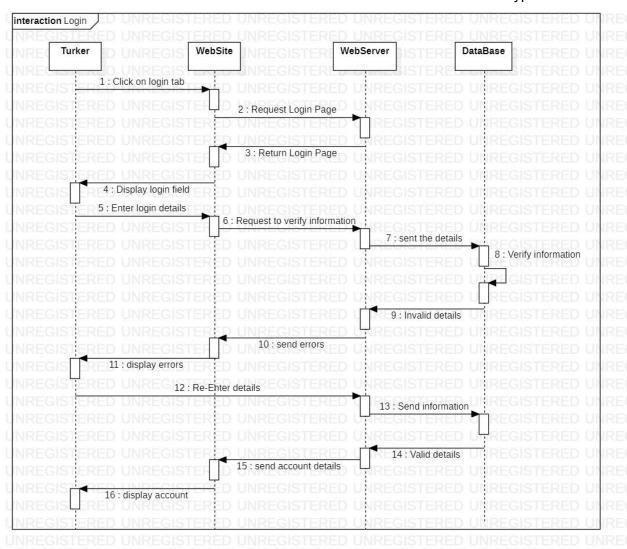
Create HIT: It is to show the interaction between administrator, UI, Services(includes the API) server which takes place when the administrator creates HIT.



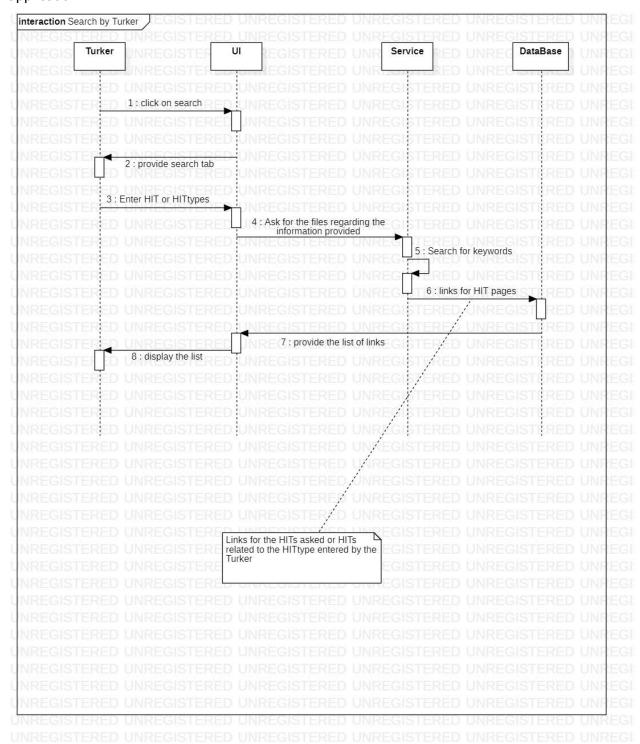
Doing HIT: It is to show the interaction between Turker and services (including the API) with the UI as an intermediate when the turker decides to do a HIT.



Search HIT: It is to show the interaction between Turker and Services (including the API) with UI as an intermediate when a Turker searches for HIT or search based on HITtypes

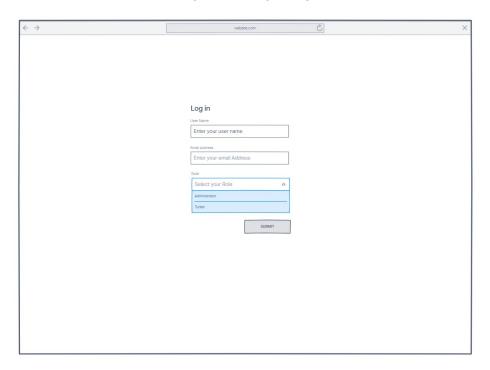


Login: It is to the interaction that takes place when administrator/Turker logins into the application.

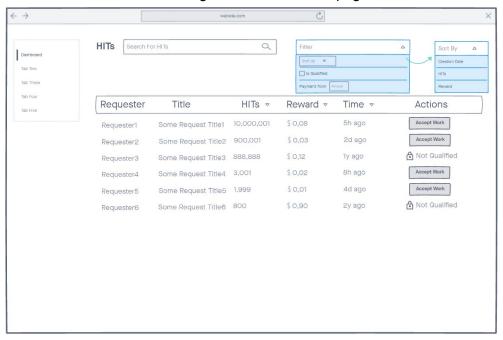


Low-Fidelity User Interface

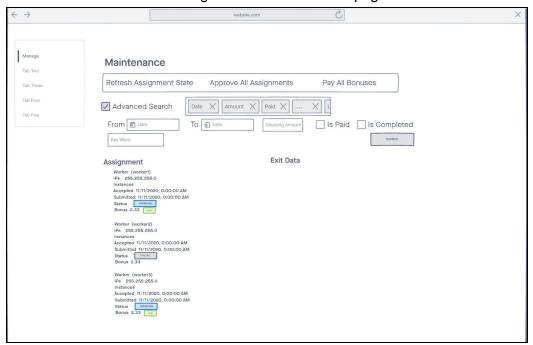
This interface is the basic design of the login page.



This interface is the basic design of the Dashboard page.



This interface is the basic design for the maintenance page.



This interface is the basic design for the Lobby page.

