

Block Diagram

Group MC_2

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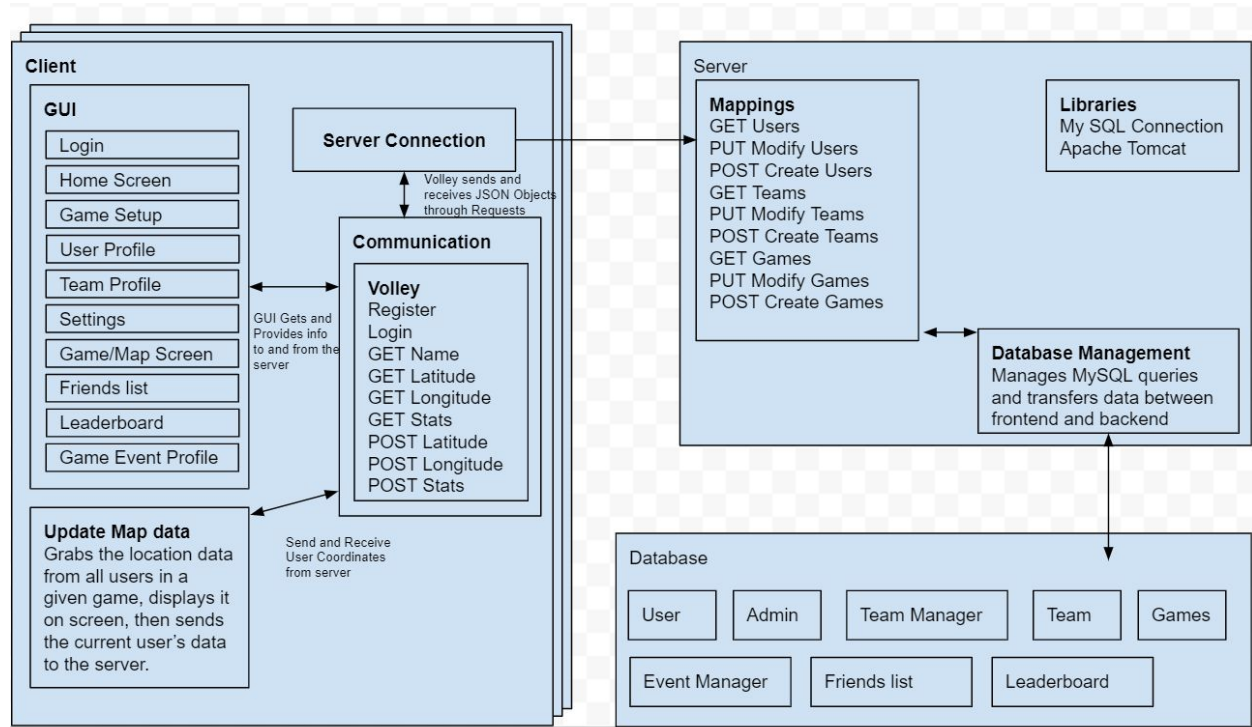
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Ktag Lazertag Companion App

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Functional Description:

Map data module: This module uses Volley to send the users name and coordinates to the server. It then uses volley to receive all other player names and coordinates to post to the map. Once the player data is received from the server via the GET volley call it parses out each individual user's coordinates and creates a unique player pin to post on the map. We use the fused location service provider API to implement our GPS functionality with a location request.

Server PUT method: We have our PUT method implemented to search for a user via the given username to edit that specific user's data. From the front end, using a Volley PUT method with the user name at the end of the url, we will then be able to access a specific user on the Server. If no user with the given name exists the PUT method will create a new user in the user database.

