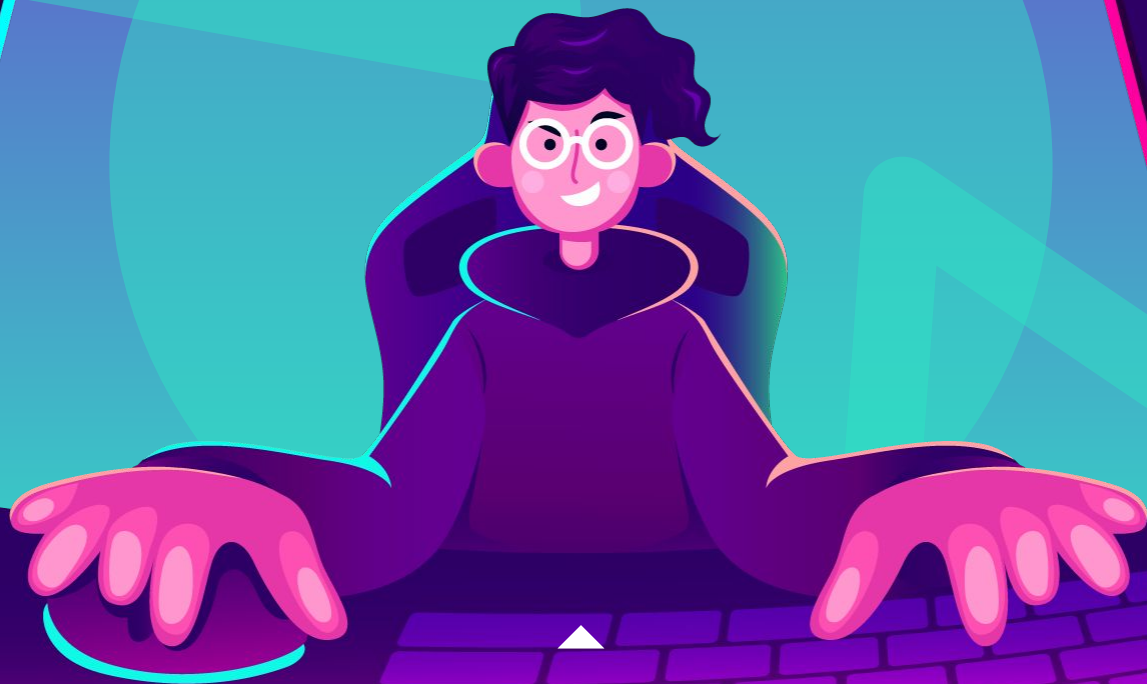


VALORANT

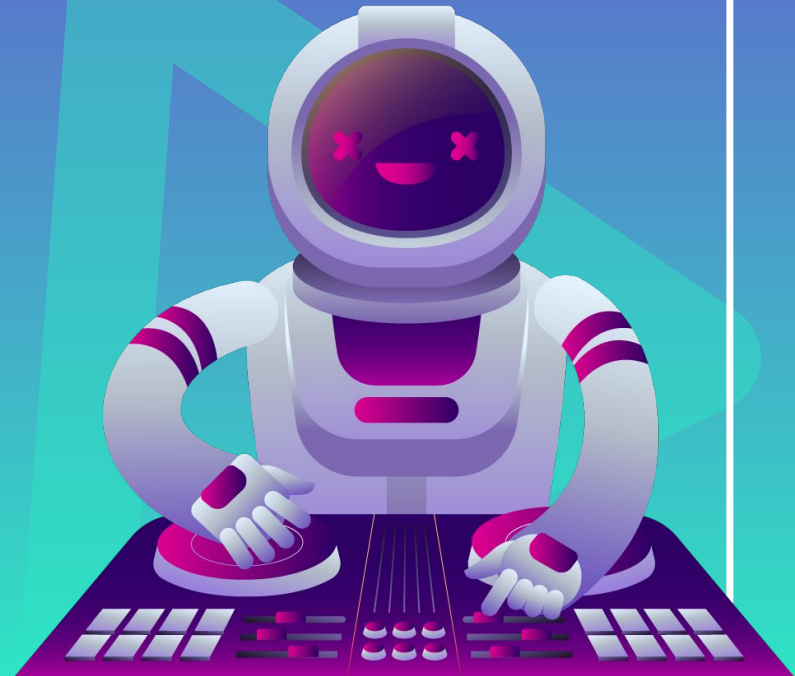
Arnold Khampaseut and Sreedha Vemuri



System Description

Interactive Infographic

- User can select roles that correspond to an agent
 - Each agent's information and gaming details will be displayed
- User can observe each agent's statistics based on map preference & win rates
- User can select weapons
 - Weapon statistics will be displayed
 - Certain weapons will be best paired with certain agents



Implementation Details

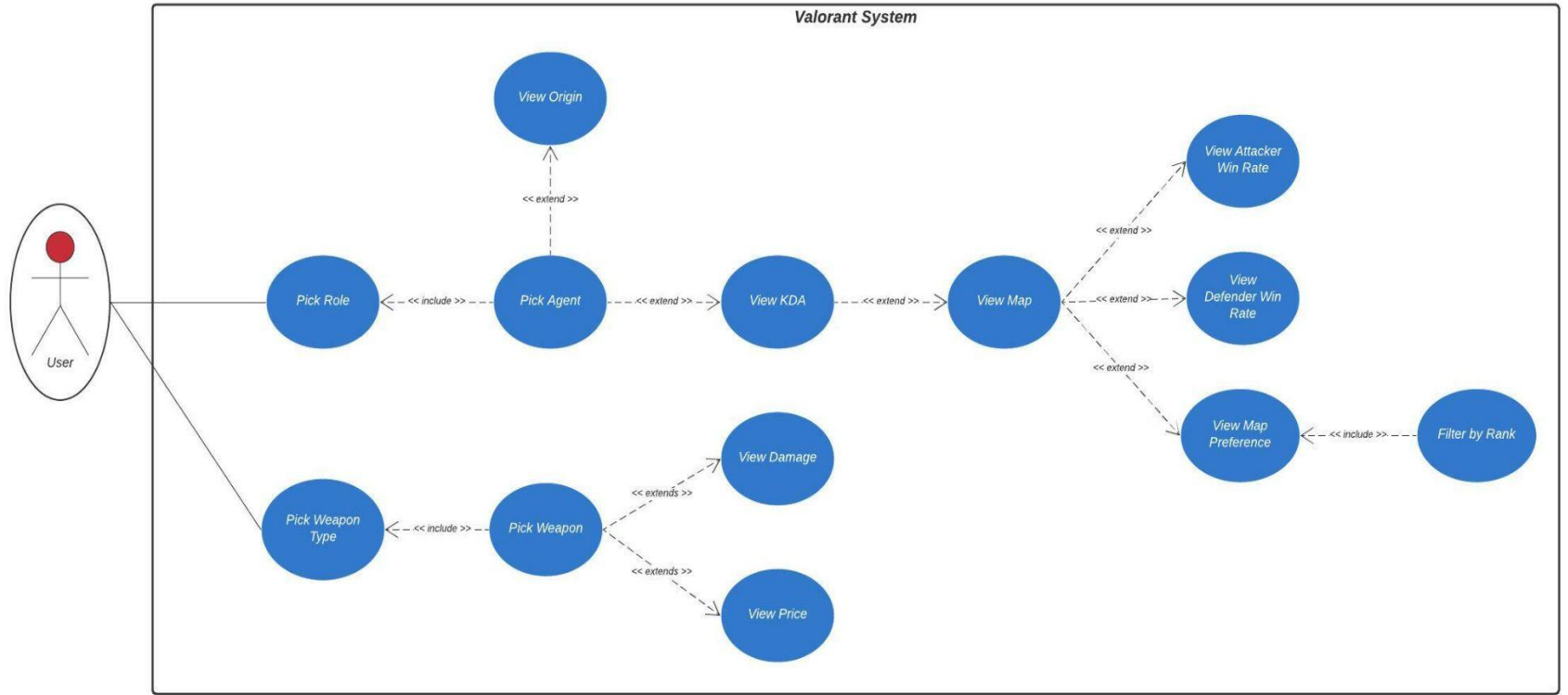
Integrated Development Environment (IDE) : VScode

Database: SQLite3

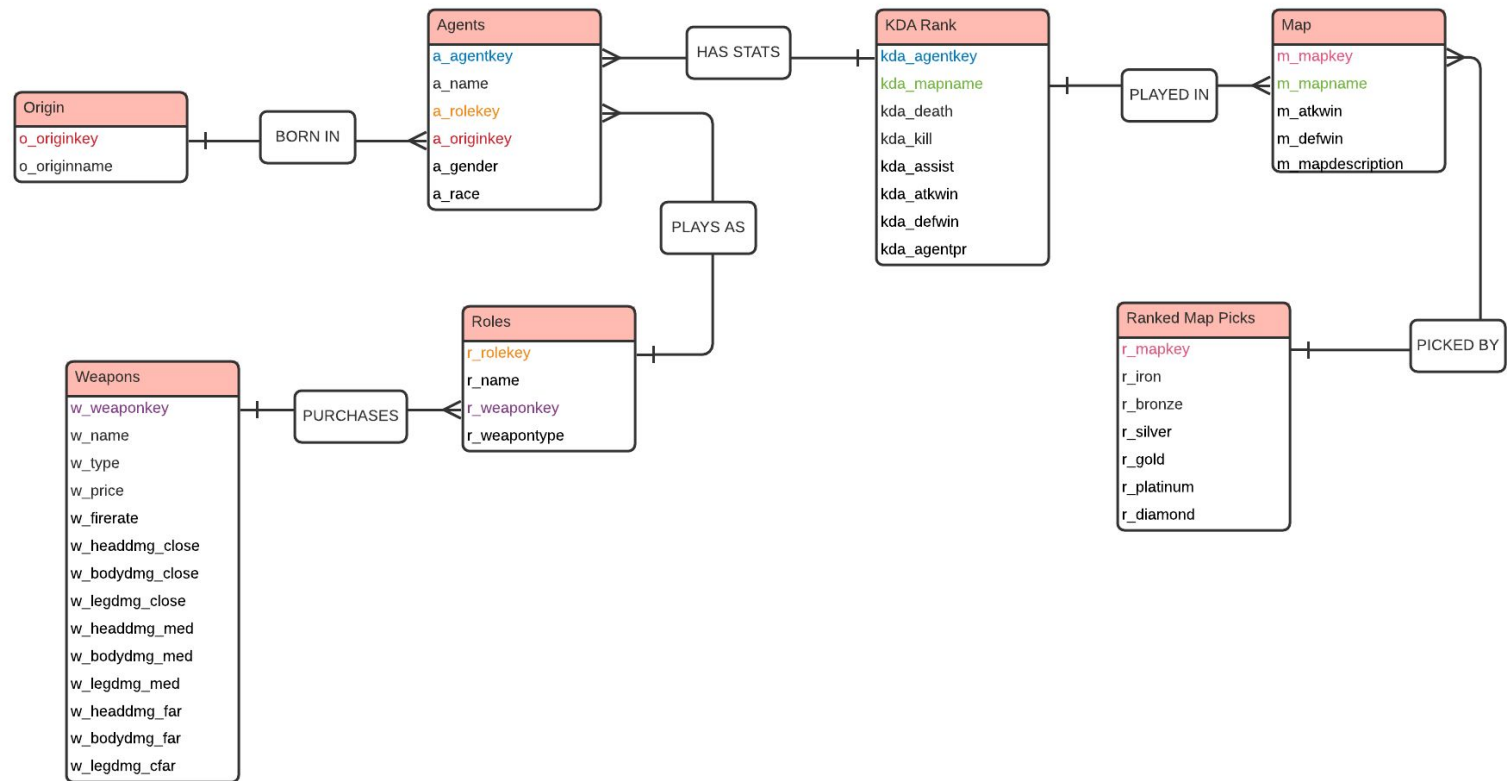
Bootstrap: CSS



Use-Case Diagram



E/R Diagram



Relational Schema

Agents

- a_agentkey, a_name, a_rolekey, a_originkey, a_gender, a_race, a_price

Roles

- r_rolekey, r_name, r_weaponkey, r_weapontype

Weapons

- w_weaponkey, w_name, w_type, w_price, w_firerate, w_headdmg_close, w_bodydmg_close, w_legdmg_close, w_headdmg_med, w_bodydmg_med, w_legdmg_med, w_headdmg_far, w_bodydmg_far, w_legdmg_far

Origin

- o_originkey, o_originname

KDA Rank

- kda_agentkey, kda_mapname, kda_death, kda_kill, kda_assist, kda_atkwin, kda_defwin, kda_agentpr

Map

- m_mapkey, m_mapname, m_atkwin, m_defwin, m_mapdescription

Ranked Map Picks

- r_mapkey, r_iron, r_bronze, r_silver, r_gold, r_platinum, r_diamond

THANKS!

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