League of Legends Overlay Assistant

Project Proposal

Xihao Zhou
Bo Yang
Hao Yang
Ziheng Gong

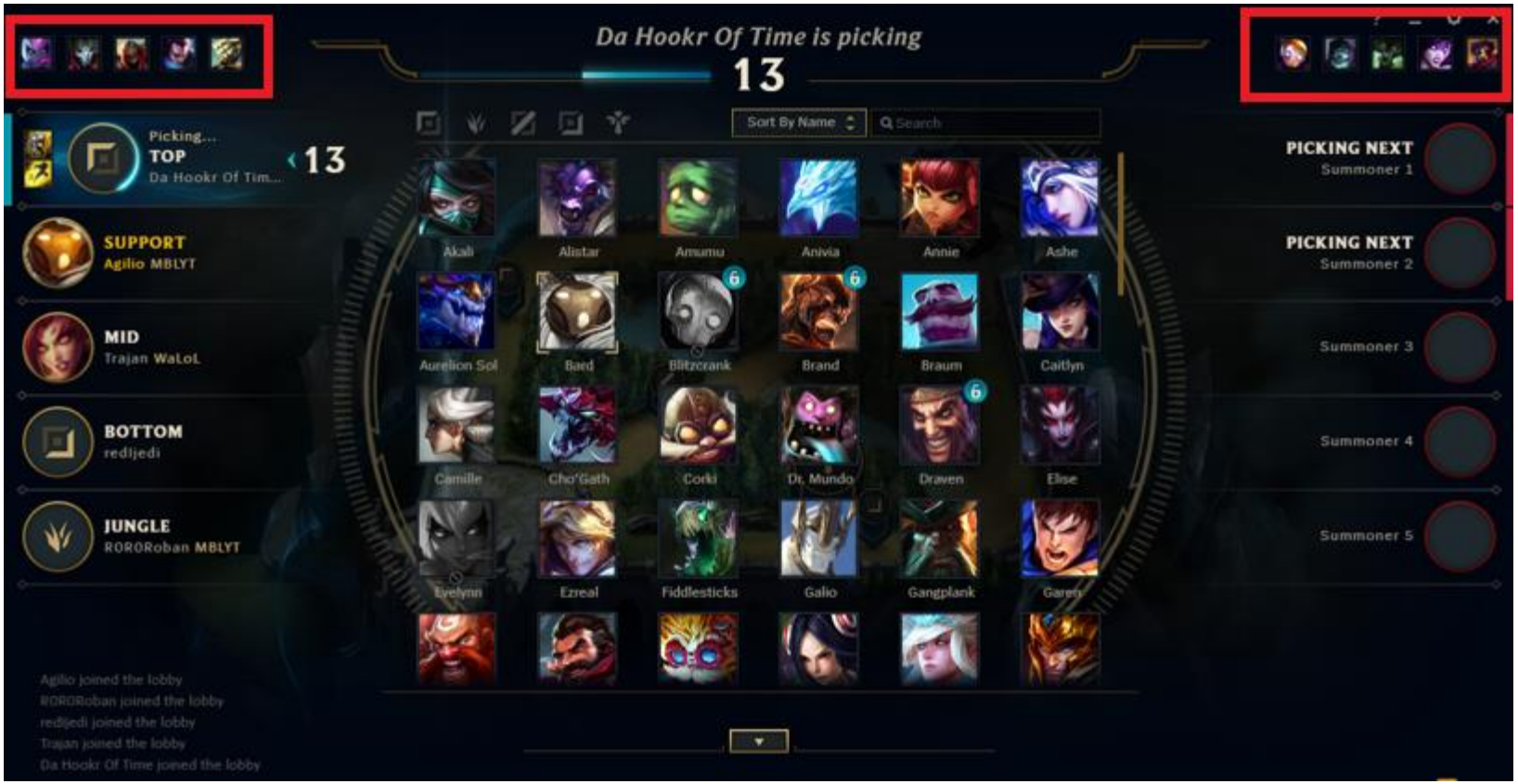
Function Design

- Champion Ban/Pick Tool
- In Game Item Build Tool
- Personalized Game Shop

Function Design

Champion Ban/Pick Tool

- Using image detection algorithms to get to know which champions have been banned by your enemy
- Based on history match records in all divisions, our assistant will help you to choose a hero and runes.
  - We will learn how well your opponents play their champs and which blind spot you can exploit


Da Hookr Of Time is picking
13
Picking...
TOP
Da Hookr Of Tim...
13
SUPPORT
Agilio MBLYT
MID
Trajan WaLoL
BOTTOM
redIjedi
JUNGLE
RORORoban MBLYT
Sort By Name
Search
Akali
Alistar
Amumu
Anivia
Annie
Ashe
Aurelion Sol
Bard
Blitzcrank
Brand
Braum
Caitlyn
Camille
Cho'Gath
Corki
Dr. Mundo
Draven
Elise
Evelynn
Ezreal
Fiddlesticks
Galio
Gangplank
Garen
PICKING NEXT
Summoner 1
PICKING NEXT
Summoner 2
Summoner 3
Summoner 4
Summoner 5
Agilio joined the lobby
RORORoban joined the lobby
redIjedi joined the lobby
Trajan joined the lobby
Da Hookr Of Time joined the lobby

Function Design

In-Game Item Build Tool

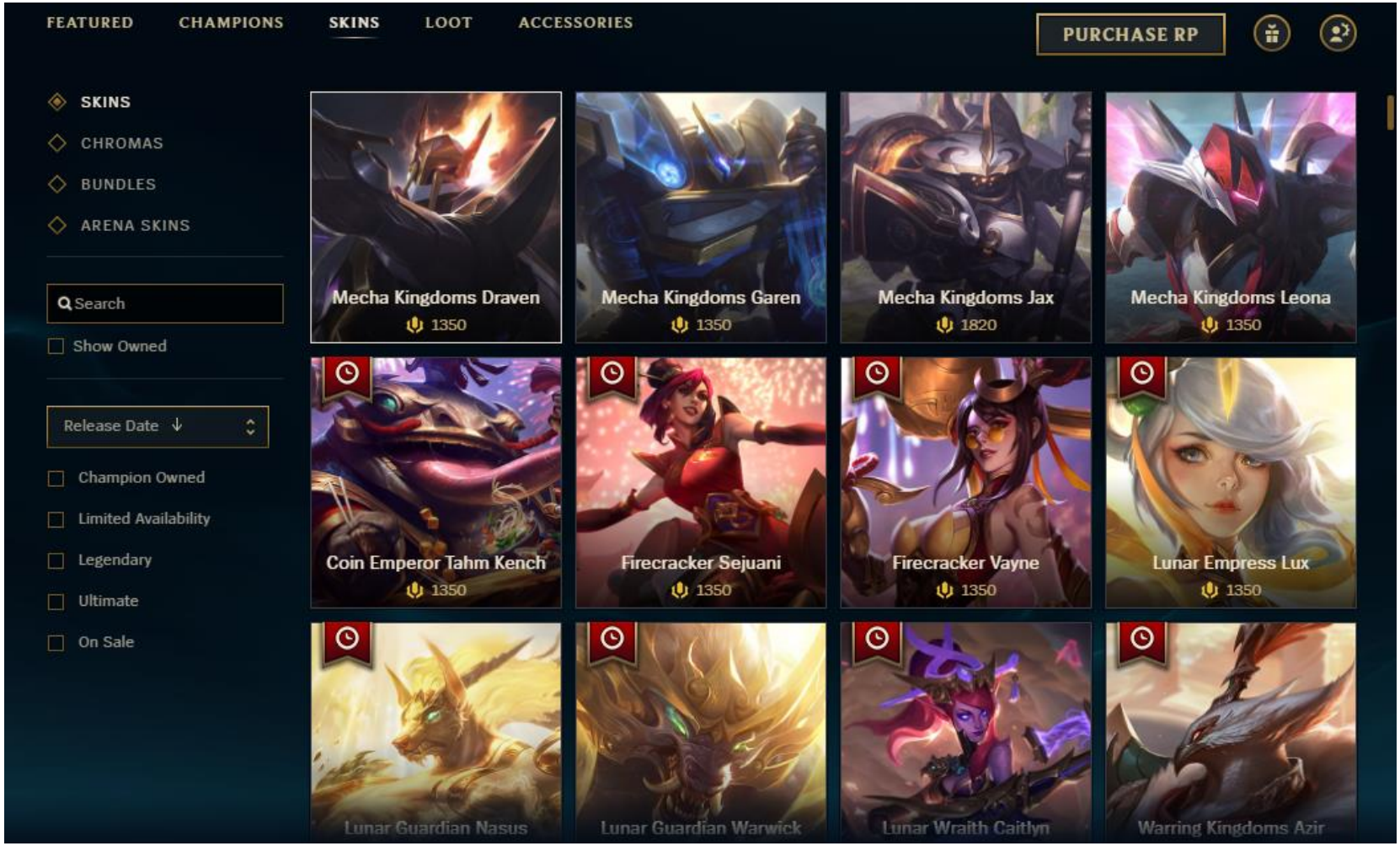
- Using image detection to know what items the enemy team has purchased. (By pressing Tab button)
- Give suggestions to your own build. (Based on your champion)

0
0
0 0
0
0
SailorJupiterXD
0/0/0 0
BestGravesCnMA
0/0/0
LegitKorea
0/0/0 0
wyaoshangwangzhe
0/0/0 0
Matt Jones
0/0/0 0
Ajido
0/0/0 0
HeartFracture
0/0/0 0
Weeknd
0/0/0 0
Weeknd
0/0/0 0
bekybear
0/0/0 0

Function Design

Personalized Game Shop

- Using historical RP purchase data, and other account data (game length, frequent time, rank level, most played champions…)
- Create a personalized shop for each user. (Most likely to spend more money)


FEATURED
CHAMPIONS
SKINS
LOOT
ACCESSORIES
PURCHASE RP
SKINS
CHROMAS
BUNDLES
ARENA SKINS
Search
Show Owned
Release Date
Champion Owned
Limited Availability
Legendary
Ultimate
On Sale
Mecha Kingdoms Draven
1350
Mecha Kingdoms Garen
1350
Mecha Kingdoms Jax
1820
Mecha Kingdoms Leona
1350
Coin Emperor Tahm Kench
1350
Firecracker Sejuani
1350
Firecracker Vayne
1350
Lunar Empress Lux
1350
Lunar Guardian Nasus
Lunar Guardian Warwick
Lunar Wraith Caitlyn
Warring Kingdoms Azir