



League of Legends Overlay Assistant

Project report

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Project Progress

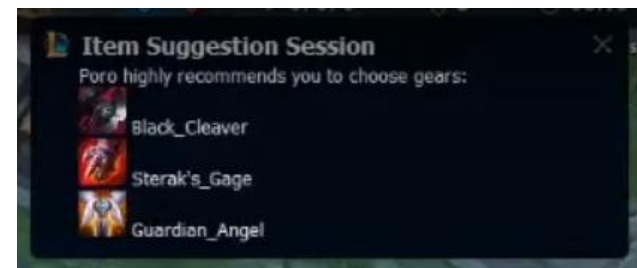
- **Item recommendation tools**
- **Improvement for champion images recognition**
- **Next plan**



Project Progress 1

Item recommendation tools

- Can detect items build of all champions when open the scoreboard
- Give item build recommendation when open the shop





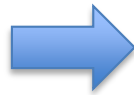
Project Progress 2

Improvement for champion images recognition

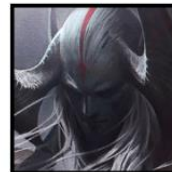
- Detect champion portrait with all skins instead of only with classical skin. Can correctly detect champion with skin.



aatrox-classic.png



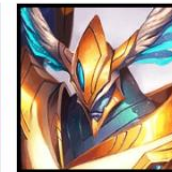
aatrox-blood-moon-pre-lion.png



aatrox-blood-moon.png



aatrox-classic.png



aatrox-justicar.png



aatrox-mecha.png



aatrox-sea-hunter.png



aatrox-victorious.png



Project Progress 2

Improvement for champion images recognition

- Caused by the randomness of order and dull color in bp stage, it's not satisfied to detect which is myself. So we detect the champion portrait again after game started.





Project Progress 2

Improvement for champion images recognition





Project Progress 3

Next plan

- More improvement for increasing the accuracy rate of portrait detection.
- Recommend runes based on different champion
- New function about mini-map detection to record the location of enemy disappear last time.





Thank you !