

1. Introduction of our program

The project is aimed to develop an Advanced Xiangqi program for Xiangqi players. Two different applications, desktop and Android version, were developed by the group. Additionally, an engine was developed to provide intelligent suggestions for next possible moves and warnings of the pieces being captured.

2. Research (Language, other chess games, Advanced chess, Algorithm)

The language we used is Java. In desktop version, we also use Swing package. In Android package, we use Android package.

We played many other chess games online so that we could know more design and what we need.

About the advanced chess, we could know more requirements what we need.

Algorithms are mainly operated in the engine, such as Alpha-Beta search.

3. Product Desktop:

(Different technology) Desktop: Swing java

Android: java xml, android package

Engine: suggestion and warning

piece value: At each stage (start stage, middle stage, final stage) the piece value should have different standard. But we did not do it☹

Assess the situation~It is important in the chess game.

4. Evaluation: testing: system testing/function testing/integration testing & questionnaires

为什么只有一个手机：1.我们只有一个

2.为什么不借：别人都要用 没有

3. 配置configuration很麻烦

如果一旦有人问其他手机能不能适配：就是理论上可以 但是我们没try过 因为time limitation 不问千万别提别提别提