**Relevance feedback:**

Implicitly feedback:

1. Top1 game is thought to be the favorite game of users
2. The tag of Top1 game is thought to be the favorite category. And we recommend user games by this category.

Explicitly feedback:

1. When users choose one of tags, this action is thought to obvious express users favorite game genre, so we recommend games based on users chosen tag.

**Search result**

1. Search result: if the users type in the name of game completely and correctly and the genre is selected correctly, the game will be shown in this way.
2. Related result: Users always could not type in name of games completely and the tags they choose are inconsistent with their typing in games. In case of this situation, we provide user-friendly searching results, which are related to input. For example,   
   “legend of” will display “legend of heroes ”, “legend of Fae”.   
   “legend of heroes ” with wrong tags “racing” will display “legend of heroes” with “rpg”
3. These games???: Misspell is common when typing in game name. So it’s our duty to point out users misspell and display probably correct games.
4. Recommend: We need to recommend games to users based on tags.

**Search Method**

1. Basic search 🡪 searching by game name. This method points for users who definitely know which game they want to search. The users are required to input parts of game name and search engineer will display 4
2. Advanced search 🡪 searching by keyword of games. This method is applicable for both expert players and naïve players. Players usually want to know some details of games in order to justify whether the games are favorable. Search engineer will display

**Indexing and ranking Method**

1. Indexing by Lucene: fast, convenient