

# Final Project Week 4 Manual Test Plan

This is a manual test plan that provides guide to install environment for, to run, and to test the React project in week 4 of final project.

## Prerequisites

- React
- PyCharm

## Environment Setup

The flask program file is 'novel\_api\_2.py' (It fetches data from a different mongodb collection than 'novel\_api.py', which does not contain extra information such as chapters).

The main program file is 'app.js' and 'index.js'.

'app.js' renders the component of 'main\_layout.js'.

'main\_layout.js' renders four components from 'gallery.js',

'control\_bar.js', 'filters.js', and 'search\_bar.js'.

‘gallery.js’ filters novels and pass filtered novels to ‘gallery\_display.js’.

‘control\_bar.js’ contain a ‘quiz’ button that will navigate to the quiz page on click. Users can take a quiz of what kind of novel they want to read and get recommended novels.

Packages include react-custom-scrollbars, and react-icons.

These packages can be installed using npm.

## **Manual Tests**

Start local API server in PyCharm to return all novels in database.

When our flask program name is ‘novel\_api\_2.py’, type following commands in the command line to start flask app:

```
set flask_app=novel_api_2.py
```

```
flask run
```

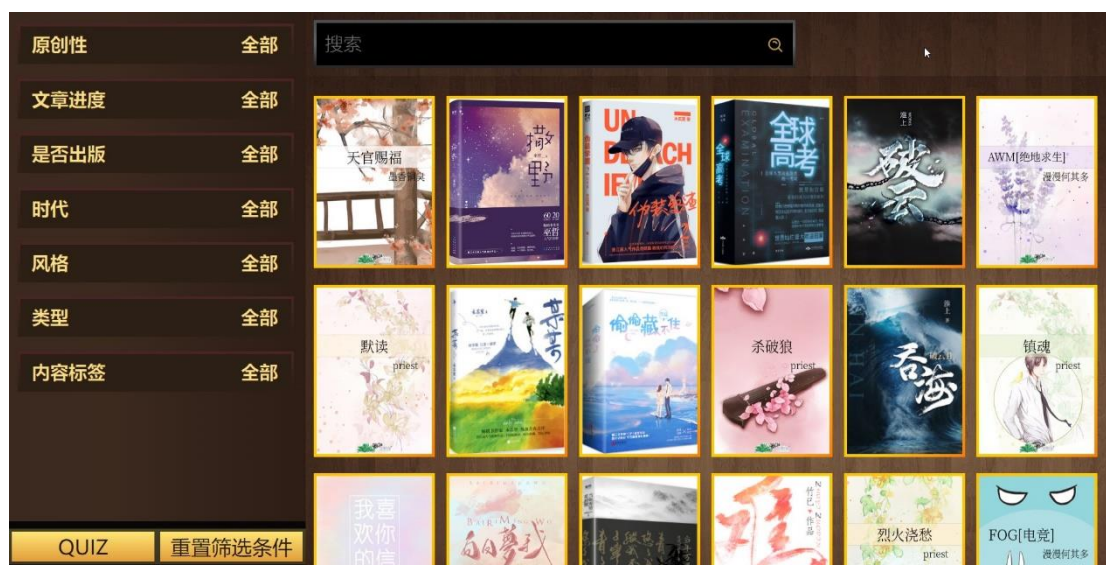
```

* Serving Flask app "novel_api_2.py"
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: off
Connected to collection of novels at MongoDB.
start running api
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
found 383 novels

```

Then, go to the folder of the React app, use ‘npm install’ to install packages and ‘npm start’ to run.

If the program runs successfully, a web page will automatically open at url: localhost:3000, and the following screen will show up:



After clicking the QUIZ button at the left lower corner, the app will navigate to /quiz route, showing the UI as below:

Question 1 of 4

**Do you want to read original or derivative novels?**

☐Original

☐Derivative

**BACK** **SKIP** **QUIT**

Users can click on 'Original' to go to the next question:

Question 2 of 4

**Do you want to read completed novels or novels in progress?**

☐Completed novels

☐Novels in progress

**BACK** **SKIP** **QUIT**

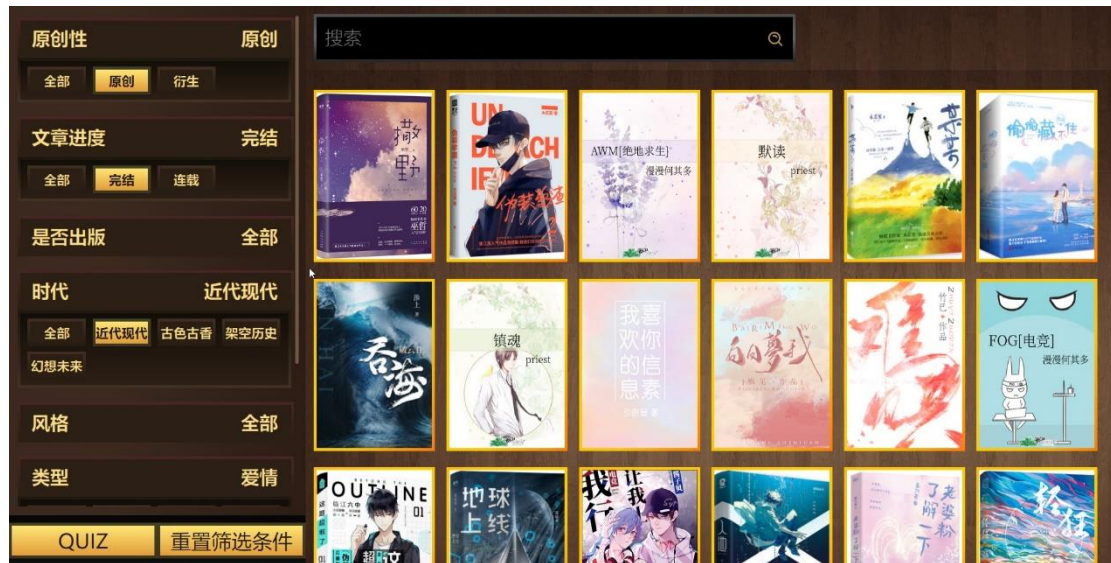
After answering all questions, a button will appear on the screen:



See Result

After clicking the 'See Result' button, the app will navigate back to the home screen, filters will appear according to quiz answers,

and the gallery will show suitable novels:



Question 2 of 4

**Do you want to read completed novels or novels in progress?**

☐ Completed novels

☐ Novels in progress

**BACK** **SKIP** **QUIT**

If users are not satisfied with their answer to the previous question, they can click the BACK button to go back to the previous question and redo it.

Question 1 of 4

**Do you want to read original or derivative novels?**

☐ Original

☐ Derivative

**BACK** **SKIP** **QUIT**

Question 1 of 4

**Do you want to read original or derivative novels?**

☐Original

☐Derivative

**BACK SKIP QUIT**

If users are not sure about their answer to a question or they just do not care, they can click the SKIP button to jump to next question. The filter will appear as ‘全选’ later, meaning that the skipped filter will not filter any novel.

Question 2 of 4

**Do you want to read completed novels or novels in progress?**

☐Completed novels

☐Novels in progress

**BACK SKIP QUIT**

Question 2 of 4

**Do you want to read completed novels or novels in progress?**

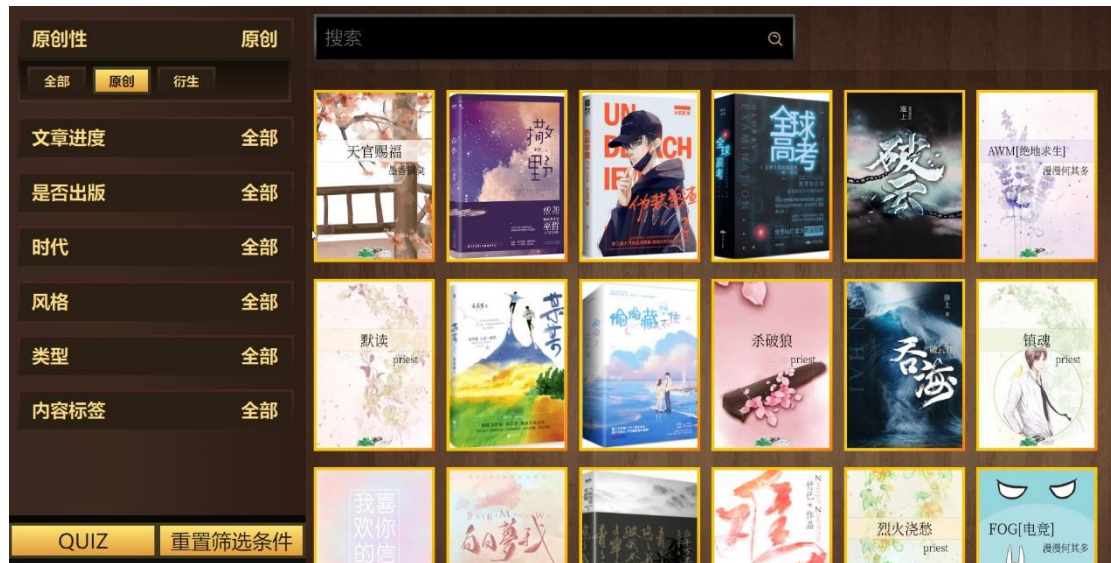
☐Completed novels

☐Novels in progress

**BACK SKIP QUIT**

If a user chose ‘Original’ for the first question, and does not feel like answering the rest questions, he or she can click the QUIT button, and click ‘See Result’, to go to the home page. Only the Originality filter will filter on novels according to the quiz

result.



When hovering on a recommended novel, a information box will appear, including novel title, author, one-sentence description, style, ranking, word count, and content labels.







After hovering on the information box, users can click on the novel title to go to the original novel website.

jjwxc.net/onebook.php?novelid=1951827

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秦少宇：山下又来了一堆粉丝，说想跟你学炼丹。  
沈千凌震惊：我什么时候掌握了这种技能？  
江湖难道不应该血雨腥风，你们稍微按照剧情走一下啊！

内容标签：情有独钟 天作之合

搜索关键字：主角：沈千凌，秦少宇 | 配角：叶瑾，沈千帆，黄远，慕寒夜 | 其它：搞笑闹剧，逗比

一句话简介：爆笑江湖

**文章基本信息**

文章类型：原创-纯爱-架空历史-武侠  
作品视角：主要  
作品风格：爆笑  
所属系列：古代耽美  
之 江湖②  
文章进度：完结  
全文字数：1153710字  
是否出版：否  
签约状态：已签约  
作品简评：[推荐]

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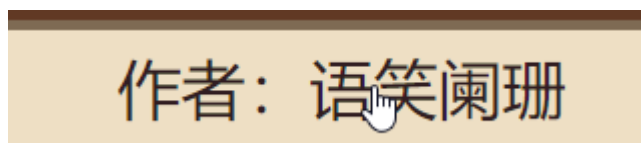
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Similarly, users can click on the author name to go to the original author website.





jjwxc.net/oneauthor.php?authorid=421282

北京时间 21年4月25日 16:58

登入 注册 找回密码 找回密码

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2. 刀雪儿FERN 无敌霸王

3. 川宝 霸王

4. 星哥の迷妹 小霸王

5. 沉默三天 小霸王

6. 米饭吧唧 小霸王

7. 初桢 小霸王

8. 格林伍德 小霸王

9. . 超级霸王

10. 所以因为 超级霸王

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