



1. Introduction

Background and motivation

2. Timeline & Version Control

Time arrangement

3. Features

Functions of our app

4. Test

Tests for our app

5. Statical Analysis

Analysis and future plan

6. Conclusion &Future Work

Conclusion and future work



1.1 Project Background

Nowadays, plenty of news and information content platforms are full of junk news and uncomfortable advertisement, users are losing the comfort of the experience. Considering that, We are committed to solving the problem of poor user experience. Within our app, users can enjoy the simplest news, no advertisement and get the news which is their preferences.

Timeline

Time arrangement

2. Timeline

Week	Features
week 10	News Details
week 11	News "like", "unlike", "bookmark" features.
week 12	Spider for news.
week 13	News classification, news theme collecting.
week 14	Recommendation Algorithm.
week 15	Remain features.

2. Version

♦ 1.0
• b30a1e5

Version_{1.0}

MacOrey released this on 20 Apr · 55 commits to master since this release

2019/4/20

- Implements Register/Login feature
- Implements Share feature
- Implements Camera feature

Assets 2



Latest release

version-2.0

II Sustechzjh released this 11 days ago ⋅ 32 commits to master since this release

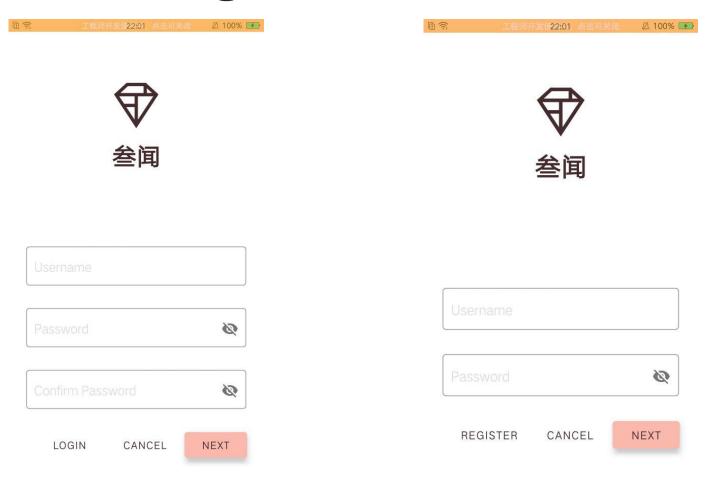
Release version 2.0 implements:

- 1. spider for news
- 2. like and dislike function
- 3. bookmark function

Features

Functions of our app

3.1 Log in and Register



3.2 News Details





正确看待当前经济发展新特点 新态势

2019年05月23日08:09 来源: 中国经济网

原标题:正确看待当前经济发展新特点新态势

当前,我国经济发展面临着内外环境 重大变化带来的新矛盾、新挑战,但我国 发展仍处于重要战略机遇期,拥有足够的 韧性、巨大的潜力和不断迸发的创新活力。把握经济发展大趋势,抓住我国经济 发展中的根本性、全局性问题,要处理好 短期与中长期、内需与外需、开放和改革 的关系,以扩大开放和深化改革释放发展 潜力和市场活力,由此赢得主动、赢得未 来。

← ☆ ♥ ☆ **♦**

When you select the news you can see the detail of the news.

3.3 Search for news



取消 Q请输入搜索内容 彩票开奖结果 百度市值跌破400亿 女星与出租司机冲突 顾年时向杨洋道歉 栗蓉磅蛋糕做法大全 王濛任教练组组长 山魈是什么动物 乐视董事长离职 奥迪女掌掴女童 广州车位只售不租 怎么腌制芥菜 熬出好猪油教学视频 龙卷风袭击美国 小米副总裁被拘留

If you want to search some spercific news, you can press the research button to get what you want.



3.4 Like and dislike



经济形势理性看: 抓住用好新 形势下的新机遇

林兆木

2019年05月23日07:32 来源: 人民网 - 人民日报

- ■全球新一轮科技革命和产业变革蓬勃兴起,与我国加快转变经济发展方式形成历史性交汇,我国完全有条件构建起推动高质量发展和面向未来的现代化经济结构。
- ■美国严格限制向我国出口技术,虽然会给我们带来困难,但我国已具备进一步提升创新能力的基础和条件,可以发挥制度优势和市场优势,在关键核心技术创新上取得突破。





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← ₺ ┡ ☆ ♦

If you like or dislike the news, you can press the "like" or "dislike" button, then it will affect the news we represent.

3.5 & 3.6 Collect and night mode



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If you want to collect some news, the "star" button will help you do this.

By the way, we divise the "night mode" for users to read without light.

3.7 Share



Of course, you can share the news to your friends or in moment if you like.

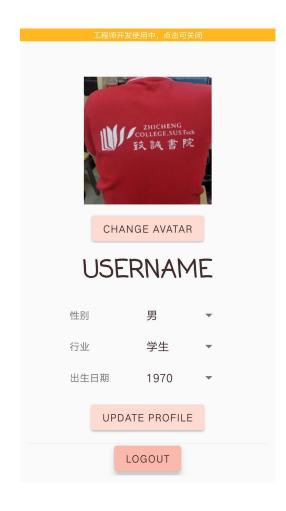
3.8 Recommand

≥♥ 叁闻 Q 正确看待当前经济发展新特点新态 当前,我国经济发展面临着内外环境重大变化带 来的新矛盾、新挑战,但我国发展仍处于重要战 略机遇期,拥有... 中国是人工智能专利布局最多的国 近日,中国新一代人工智能发展战略研究院发 布了《中国新一代人工智能科技产业发展报告 职场不是秀场 形式主义加班拖垮年 "形式主义加班"戳中了这届年轻人的痛点。

We use NLP methods, machine learing and our specifial algorithm for recommanding news to users

Machine Learning model: Multilabel Learning

3.9 User information updating



You can update your user information.

which includes:

- 1. gender
- 2. occupation
- 3. birth year
- 4. User avatar

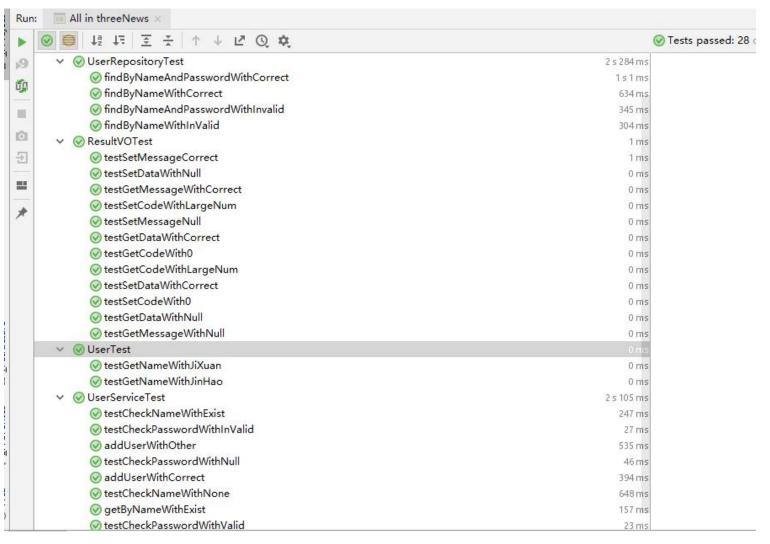


4.1 Test techniques

For testing, we only used unit test and scenario test.

- 1) Scenario testing is a software testing activity that uses scenarios: hypothetical stories to help the tester work through a complex problem or test system. The ideal scenario test is a credible, complex, compelling or motivating story the outcome of which is easy to evaluate
- 2) Unit testing is testing of the smallest testable unit in software. Generally speaking, the meaning of unit in unit test should be determined according to the actual situation. For example, in C language, unit refers to a function, in Java, unit refers to a class, and in graphical software, it can refer to a window or a menu.

4.2 Number of tests



Statical Analysis

Alpha-version system

5.1 Static analysis tools



Applying rule set filter for exclusions: The rule "UncommentedEmptyMethod" has been renamed to "UncommentedEmptyMethodBody". Please chapplying rule set filter for exclusions: The rule "UncommentedEmptyMethod" has been renamed to "UncommentedEmptyMethodBody". Please chapplying rule set filter for exclusions: The rule "UncommentedEmptyMethod" has been renamed to "UncommentedEmptyMethodBody". Please chapplying rule set filter for exclusions: The rule "UncommentedEmptyMethod" has been renamed to "UncommentedEmptyMethodBody". Please chapplying rule set filter for exclusions: The rule "UncommentedEmptyMethod" has been renamed to "UncommentedEmptyMethodBody". Please chapplying rule set filter for exclusions: The rule "UncommentedEmptyMethod" has been renamed to "UncommentedEmptyMethodBody". Please chapplying rule set filter for exclusions: The rule "UncommentedEmptyMethod" has been renamed to "UncommentedEmptyMethodBody". Please chapplying rule set filter for exclusions: The rule "UncommentedEmptyMethod" has been renamed to "UncommentedEmptyMethodBody". Please chapplying rule set filter for exclusions: The rule "UncommentedEmptyMethod" has been renamed to "UncommentedEmptyMethodBody". Please chapplying rule set filter for exclusions: The rule "UncommentedEmptyMethod" has been renamed to "UncommentedEmptyMethodBody". Please chapped and the set filter for exclusions: The rule "UncommentedEmptyMethod" has been renamed to "UncommentedEmptyMethodBody". Please chapped and the set filter for exclusions: The rule "UncommentedEmptyMethod" has been renamed to "UncommentedEmptyMethodBody". Please chapped and the set filter for exclusions: The rule "UncommentedEmptyMethod" has been renamed to "UncommentedEmptyMethodBody". Please chapped and the set filter for exclusions and the set filter for exc

5.2 Static analysis tools

FindBugs Report

Project Information

Project:

FindBugs version: 3.0.1

Code analyzed:

G:\GitHub_Repository\main-project-repository-ooad\app\build\intermediates\javac\debug\compileDebugJavaWithJavac\classes

Metrics

10415 lines of code analyzed, in 286 classes, in 34 packages.

Metric	Total	Density*
High Priority Warnings		0.00
Medium Priority Warnings		0.00
Total Warnings	0	0.00

^{(*} Defects per Thousand lines of non-commenting source statements)

Contents

Details

Summary

Warning Type	Number
Total	0

Warnings

Click on a warning row to see full context information.

Details

5.3 Scenerios

• Whoever and whenever you want to read news you can use our app.

• Users with different kinds of occupations want to read different news, we have divised an occupation information to represent news more accurately.

• When people have sparse time, they can use our app for news reading

Conclusion and future work

6.1 Conclusion

We have implemented most of features we listed. Within our apps, users can enjoy the simplest news, no advertisement and get the news which is their preferences. But there are still a few features we didn't reach.

- Dialogue type news presentation: UI Acts likes talking with someone.
- Import a file: To upload avatar.

6.2 Future Work

Answers for questions:

- We have learnd test, static analysis, ui design, tensorflow.
- Different test scenarios, using some new techniques, beautiful ui design
- Avator, collection
- There are many problems in fragment.



Thanks For Listening!