Catalog

Project design

Project design

Background

This is a web-based application for helping Maptek assess interviewees and it can be used by administrators from Maptek and interviewees outsides.

Key component of system

Login page, link activation, creating questionnaire, view assignment, upload code file

Project management

▶ Project management

Scope

Build a system "Hire me coder" for Maptek to check whether interviewees' coding ability.

Goal

To meet all requirements from clients and finish the project online

Team structure

The whole team is divided into two major parts, documentation team and code team. And lead by the project manager, Khate.

Project management

GitHub
To control version and manage processes of the project

Trello
Work as a to-do list and provide a clear work allocation.

Slack
Daily internal communication among team.

1

2

3

Weekly meetings
Have at least two meetings a week, and share agendas before the meeting and write minutes after the meeting

4

Meeting documents
All document will be updated to GitHub and recorded

5

Member's responsibilities

Member's responsibilities

Development team

Khate, Arnold, Nick
 responsible for coding and implementing the system to meet the requirements of clients.

Documentation team

Kina, Sai, John
responsible for documents which include all plans and presentation materials during this project.

Testing team

Kalpana, Tim
responsible for testing modules finished by the development team.

Member's responsibilities

Sharon Khate Damaso

code review, add admin user(dev), add questions(dev)

1

Xuankai Feng (Kina)

Risk management plan review, SRS, SPMP, milestone 1 presentation slides

2

Junjie Zhao (John)

configuration management plan review, SRS, SPMP, milestone 1 presentation and slides

3

Yuedong Wang (Nick)

Software requirement specification review, create a test questionnaire(dev)

4

Ying Wang (Arnold)

software requirement specification review, send the link to interviewees(dev)

5

Kalpana Parvathaneni

project management plan review, SDD, create test cases

6

Sai Dheeraj Reddy Pallavolu

Software design document review, SDD, SPMP, milestone 1 presentation

7

Lantian Cai (Tim)

testing review, create test cases

4

Project progress

Project progress

Project documentation

All draft plans of the project, which include SPMP, SRS and SDD had been finished. Further adjustment are processing.

Task allocation

All tasks including documentation and development had been allocated to each team member in this project. Everyone is working on his own task.

System development

Finishing developing the administrator module, functions include manage users, create questions, manage tests and send assessment had been implemented.

Team communication

Weekly internal and external meetings ensure the smooth communication among the whole team as well as the supervisor.

Project progress

Create and view
With the administrator accounts, MapTek staff can create new tests though upload questions.

Manage and edit
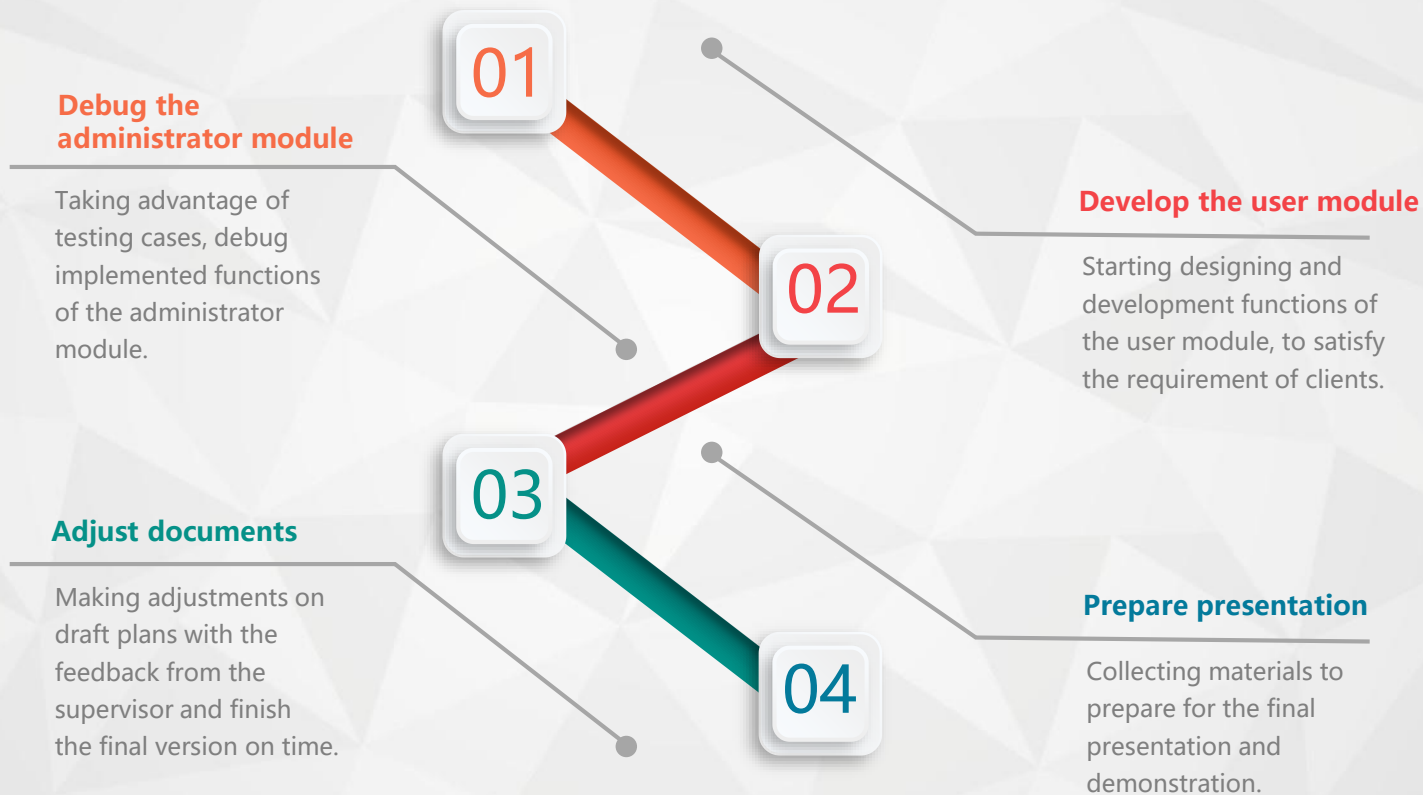MapTek staff can manage current tests and users or delete or modify them.

Hire-me Coder

Search

Map Tek
Admin user

- Manage Users
- Create Questions
- Manage Tests
- Create Tests
- Send Assessment

Manage Test Questionnaire

Test / Manage-Test

Existing Tests

Select	Test Name	Create Date	Admin
☐	test 3	Mon Sep 09 2019 02:30:46	
☐	test 6	Mon Sep 09 2019 15:31:26	
☐	test 6	Mon Sep 09 2019 08:34:22	
☐	test 2	Mon Sep 09 2019 01:33:30	
☐	test 1	Mon Sep 09 2019 01:06:38	
☐	test 4	Mon Sep 09 2019 02:30:54	

Open Selected Tests | Delete Selected Tests | Create New Tests

Future work

Future work

01

Debug the administrator module

Taking advantage of testing cases, debug implemented functions of the administrator module.

02

Develop the user module

Starting designing and development functions of the user module, to satisfy the requirement of clients.

03

Adjust documents

Making adjustments on draft plans with the feedback from the supervisor and finish the final version on time.

04

Prepare presentation

Collecting materials to prepare for the final presentation and demonstration.

Hire-me Coder

Thank you

PG05