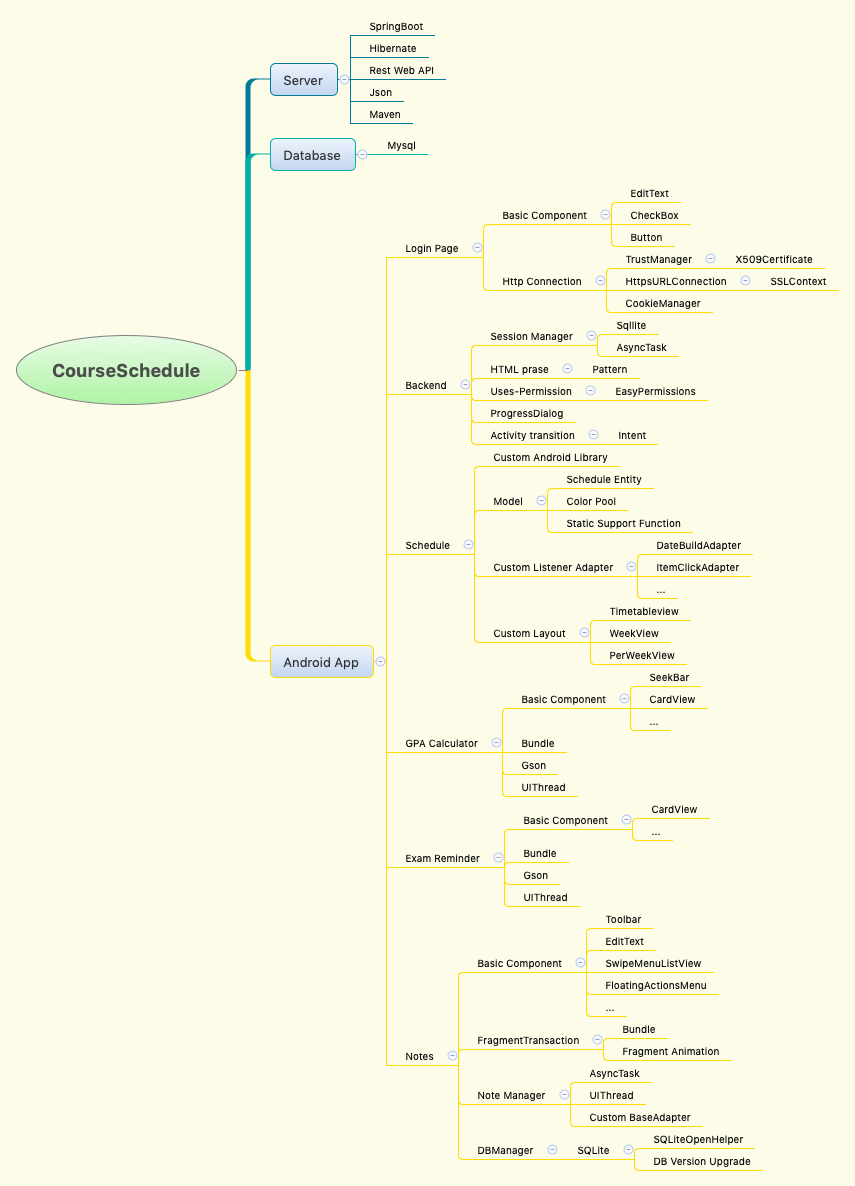
1. background research
2. summary of your application

**Motivation:**

With the rapid development of mobile networks, it’s very common to bring a smart phone. But when we want to view today’s class schedule or venue, we still need to open HKU page using any browser on the smart phone. The operation is so cumbersome that we want to replace it with a smart, convenient app.

**Framework Design:**



**Features:**

1. Login with HKU Portal UID and PIN.

Different student get login in the system, view their own courses or use other features. User data is independent.

1. Personal course schedule.

Query personal courses here in a time table sort by time. You can get the whole semester courses information including Holiday and Reading Week information. Click the course item to get further information. Because data is saved in from remote server，you will not miss any courses.

1. Add reminder to calendar.

You can add a course reminder to calendar by long click the course item. Of course, you need to permit the app reading/writing your calendar.

1. Calculate personal GPA.

You can use this feature to transform score into GPA by drag the seek bar control.

1. Check personal exam time.

You can check out your exam information, including dater, venue, note. The remain days count will give you a precise time to make preparation.

1. Add/Modify/Delete personal notes.

You can manage your notes here. Taking notes at any time may keep you from missing any deadline.

1. Contributions

|  |  |
| --- | --- |
| ZHANG Kai | Project framework design , feature design. |
| The development of Web Server by using spring boot and MySQL. |
| Main Activity, corresponding layout xml files. |
| Fragment of login page, including corresponding layout xml files. |
| Http Connection, including progressing dialog, session manager, |
| Uses-permission of Calendar and Internet. |
| HTML parse with the use of Gson. |
| Complete the draft documentation, and Readme.md |
| WANG Dezhao | Provide ideas. |
| Custom TimeTableView library. This is an individual library with different views、models、operators and listener. |
| Fragment of Schedule, including corresponding layout xml files. |
| Fragment of GPACalculator, including corresponding layout xml files. |
| Fragment of exam reminder, including corresponding layout xml files. |
| Proofread the documentation. |
| YAN Qiangyu | Fragment of notes, including corresponding layout xml files. |
| Custom SwipeMenuListView and FloatActionsMenu, with custom basic animation. |
| Note Manager with custom BaseAdapter, add/delete/modify personal notes in asynchronous tasks and update UI in UIThread. |
| Database Manager, using SQLite to manage the notes information. |
| Do background research. |
| Make the video. |
| Review and complete the final documentation. |
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