**Project Charter**

**A. General Information**

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| --- | --- | --- | --- |
| ***Project Title:*** | UAlbany Enroll Class Helper | | |
| ***Brief Project***  ***Description:*** | this web application will provide a visual interface for searching and selecting the classes by user-friendly interface. | | |
| ***Prepared By:*** | Henry Qiu, Yunrui Huang, Jianxiang Huang | | |
| ***Date:*** | 9/2/2022 | ***Version:*** | 1 |

**B. Project Objectives**

At the end, users can simply goes to the website and can easily searc for classes similar to the original website and viewing the courses detail and planning their schedule.

**C. Assumptions and Constraints**

When approaching the system and getting the course information. There may have some restrictions on the website to stop us

To let the website works online, there may have some cost have to pay, and may have some documentation to provide

It may be hard to find the API of the website

Where to store the database online and run the website online

We are new to web development, SQL and pulling information online

**D. Project Scope**

**linux server-timely run the script(java/C/Python) to download data from UAlbany website and upload to the database**

**separate important data from downloaded data file**

**saving the data to database**

**Database - mySQL**

**Database API - java/python**

**ASP.Net web API get data from database and upload to web**

**Web Asynchrony**

**Web - Html, CSS, javascriptSearch class**

**Add class**

**Delete class**

**Conference Schedule**

**select the class and display it in the schedule**

**solve the problem if time overlap**

**save as PDF**

**Project Charter**

**Optional: schedule recommendation**

**Optional: user register**

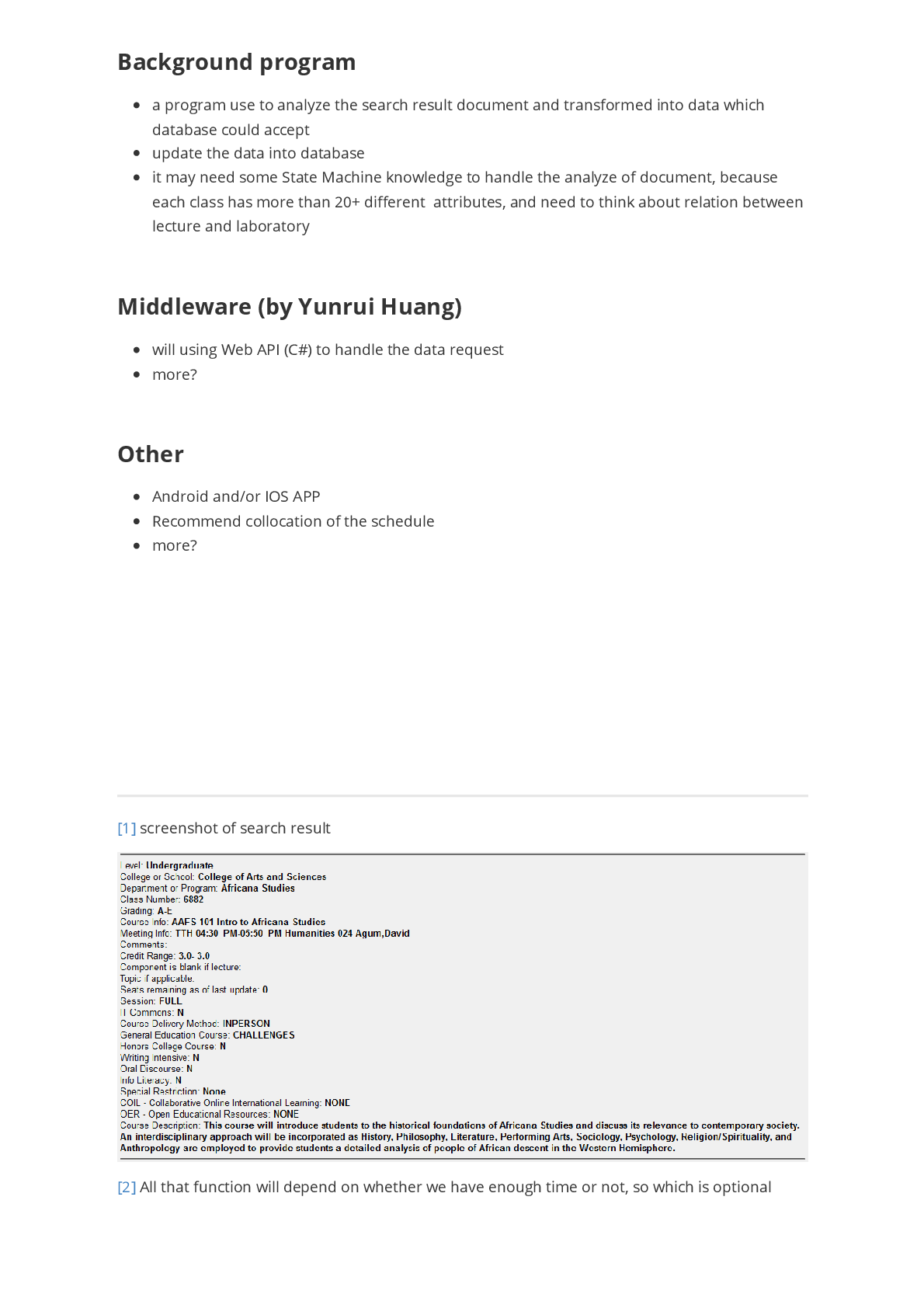
**Will not provide android and IOS version**

**Project Charter**

**E. Project Backlog**

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**Project Charter**

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**F. Project Milestones**

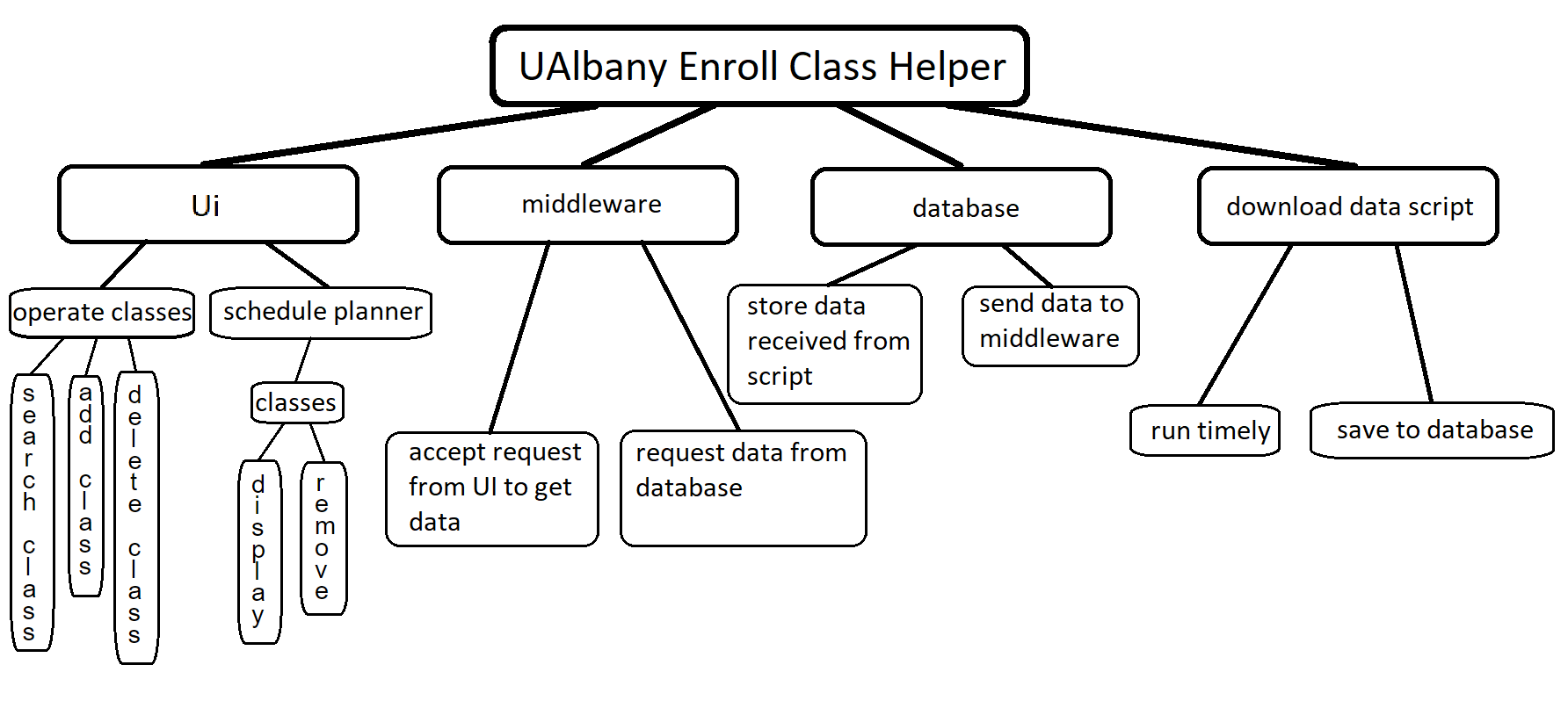
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| **Milestones** | **Deliverables** | **Date** |
| Sprint 0 | project description  significance of the project  Sprint 1 backlog  technology to e used  Sprint 1 task assignments to team member | 9/6/22 |
| Sprint I | demo web, setup the database | 9/27/22 |
| Sprint II | connect to web and database  updating the database | 10/18/22 |
| Final Presentation | full project | 11/10/22 |

**G. Roles and Responsibilities**

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| --- | --- | --- | --- |
| **Scrum Master** | | | |
| **Name** | | **Email / Phone** | |
| Henry Qiu | | hqiu@albany.edu | |
| **Team Member** | | | |
| **Name** | **Responsibility** | | **Email / Phone** |
| Jianxiang Huang | Member, SQL part | | jhuang26@albany.edu |
| Henry Qiu | Member, front-end development | | hqiu@albany.edu |
| Yunrui Huang | Member, middleware | | yhuang35@albany.edu |
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**Project Charter**

**H. Work Breakdown Structure**



**H. Signatures**

The signatures of the people below document approval of the formal Project Charter. The project manager is empowered by this charter to proceed with the project as outlined in the charter.

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| --- | --- | --- | --- | --- | --- |
| ***Project Owner*** | | | | | |
|  | **Name** |  | **Signature** |  | **Date** |
| Yunrui Huang | |  | |  | |
| ***Scrum Master*** | | | | | |
|  | **Name** |  | **Signature** |  | **Date** |
| Henry Qiu | |  | |  | |
| Jianxiang Huang | |  | |  | |