software requirements specification (SRS)

1. Summary

In view of the large number of students in the class, the time for each student to hand in the homework is not uniform, and the form of the homework is more and more complex, the pressure for the committee in charge of studies to collect the homework is great.

For the **committee in charge of studies**, he needs to collect the homework from his classmates, package all the homework together and then sent them to teachers, which is a difficult and very time-consuming task. This system can greatly help him to reduce the pressure of homework collection, quickly know which students did not hand in homework, and package all the homework together.

For **students in this class**, they need to submit their homework before deadline. Because they have much homework, it is very easy to mix the deadline of different homework and forget to submit their homework in time. This system can show a deadline list for those students and remind them submitting the homework. The system also provides an interface for them to submit the homework rather than submit it to the committee in charge of studies directly.
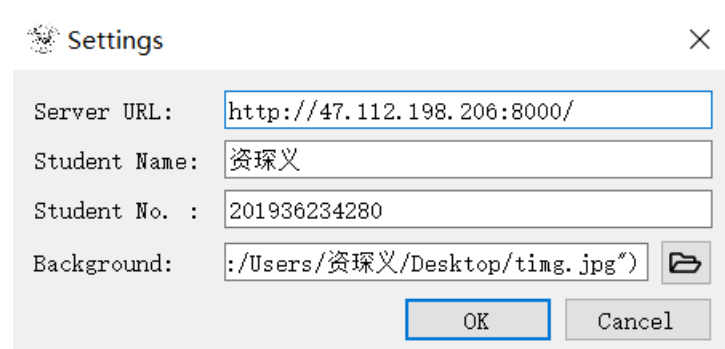
2. User Personas

Currently only for the students in the 19 Computer Science United class. But someone else can clone our code from the GitHub and build their own system.

3. Specifications

a. login and access

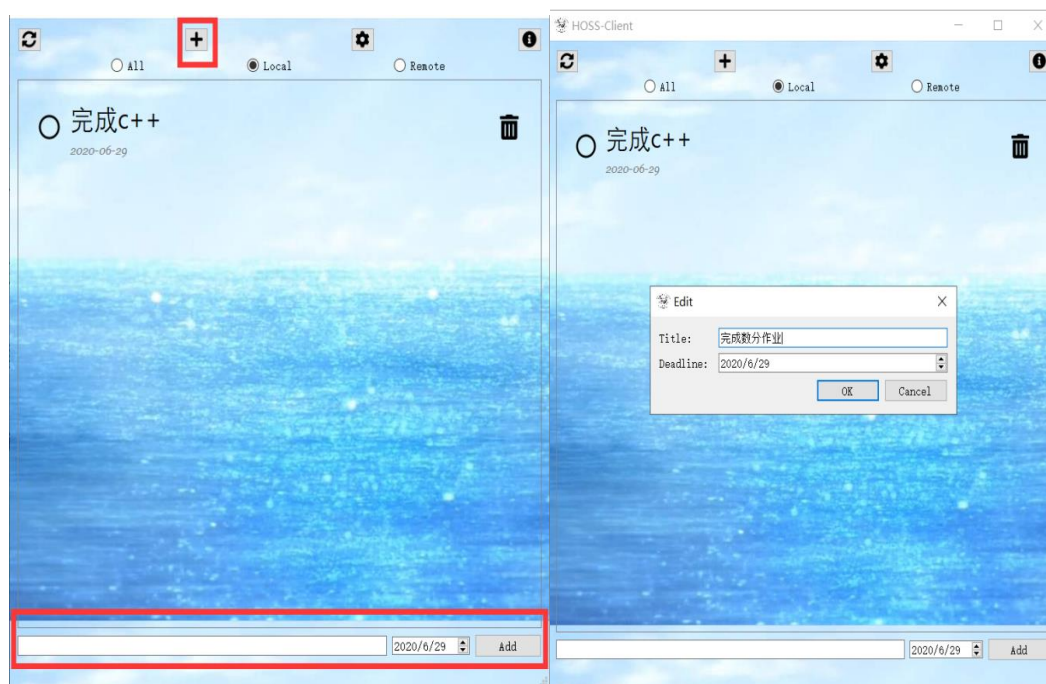After opening the software, the following interface will be displayed as follows.

Firstly, users need to fill in the server URL. For a example, if you are the students in 19 United Class, you can fill in http://47.112.198.206 which is the server we rent from Ali Cloud.

What's more, users need to fill in the form with Student Name and Number for authentication.

Background is an option which can be customized to select the image or just the name of the color as the background.
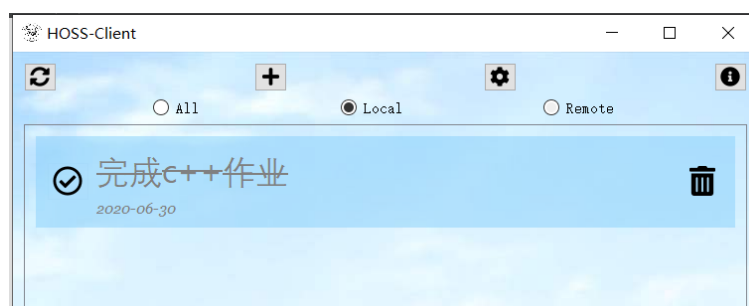
b. Add Local Tasks

We can see that the main window has 3 filters, All, Local and Remote. Local is the window for students to create their own task list by the button in the red frame. Students can add their own task list and modify DDL there.
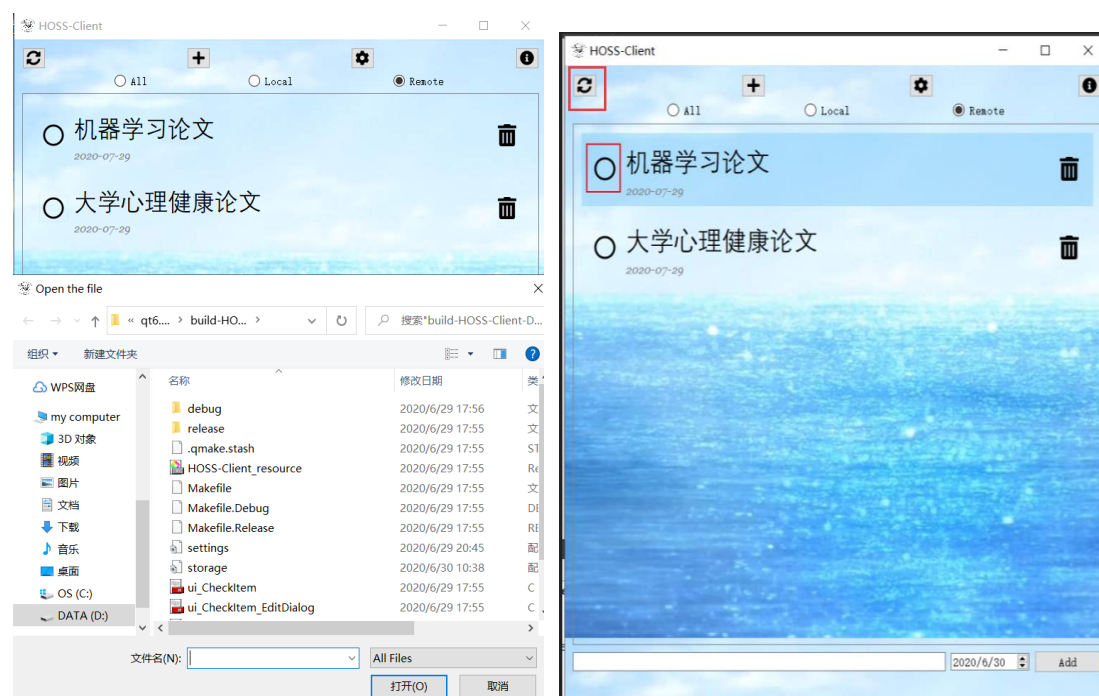

c. Finish and Delete Local Tasks

If they have finished, they can click the circle to cross out the task item, and click the delete button on the right to delete it.

d. Update and Submit the Remote Tasks

In the remote window, all tasks are added by the monitor at the admin webpage system. **These tasks cannot be modified by the users.** What users can do are to update the remote lists from time to time to make sure that they have received the homework requests and submit them before due day. If the homework has been completed, users can click the circle on the left to upload the homework file to the server and the monitor will download them from the website after due day. Note that resubmitting is allowed.

SCUT 2019计科全英联合班作业提交系统

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作业标题：　C++实验报告(word)

作业目录：　root

截止日期：　2020/07/25

管理员密码：　•••••••••

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作业内容：　第十六次大物作业 (28) ⌄

管理员密码：　•••••••••

提交

4. Contact us

HOSS can be divided into two parts, server part and client part, both open source in GitHub, with MIT License and LGPL-3.0 License respectively. Welcome to clone and fork the project in the GitHub as followed.

1. https://github.com/zsz12251665/HOSS-Client

2. https://github.com/zsz12251665/HOSS-Server