

2020-10-19 Meeting notes

Date

19 Oct 2020 17:00 -

Attendees

- [Jiayu Li](#)
- [Simai Deng](#)
- [Yiran Wei](#)

Goals

Initialize part 3 and discuss the patterns to use.

Discussion items

Time	Item	Who	Notes
	Patterns	All	<ul style="list-style-type: none">• For concurrency, we chose to use implicit lock or pessimistic online lock since losing data is painful for users
10 min	Tasks for part 3	All	<ul style="list-style-type: none">• Concurrency:<ul style="list-style-type: none">• Create exams: No extra work needed, concurrency already handled• Update exams: Simai Deng• Marking table view (exclusive write lock or R/W lock) Jiayu Li• Marking detailed view (exclusive write lock or R/W lock) Jiayu Li• Security<ul style="list-style-type: none">• Authentication Simai Deng• Authorisation Yiran Wei• Secure pipe Yiran Wei
	Deliverables	All	<ul style="list-style-type: none">• Source code with release tag in Git, and deployed system in Heroku.• SAD report:<ul style="list-style-type: none">• Updated class diagram with highlighted updates• Description of all patterns used and their sequence diagram.• Explanation and justification supporting the choices of concurrency pattern(s).<ul style="list-style-type: none">• Discuss differences, pros and cons in regard to the specific project.• A line to Heroku deployed App and Git release tag.

Action items