

# Sprint Backlog 2

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## Product owner for sprint 2

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## Goal

Based on the features implemented in the sprint 1, more expected features should be implemented in the sprint 2, including discussion board, sandboxing for the site safety, more language choice and/or problem choices, etc.

Users should be able to view their submission history for each coding problem, and they will be able to choose whether they want to code their problem in Java, Python, or C++. Also, discussion board (forum) and search by keyword will be enabled.

## Features to be implemented in sprint 2

1. Submission history
2. More problems with test cases
3. More language choices
4. Sandbox to verify the valid user input and keep site safe
5. Discussion board
6. Search problems by keyword

## Tasks

Feature	Task	Cost (hour)	Assigned to
Submission history	Create pages and forms for the history	3	Jing
Added problems with test cases	Create problem data and corresponding test cases	2	Jiaxi
More language choices	Enable the openjudge on sandbox	2	Jiaxi

Sandbox for safety verification	Enable the openjudge on sandbox	3	Hailei
Discussion board for each problem	Create a grumblr-style small forum for each problem as related discussion	3	Jing
Search by keyword	Enable the search function to let the users search the target problem(s)	4	Jiaxi
Syntax Highlight	Enable the syntax highlight in the coding area	2	Hailei