Sprint Backlog 1

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Product owner for sprint 1

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Goal

Develop a complete, cohesive, working application, albeit with partial function. The user module, problem list should be completed and the submitted user code should be able to run directly on local machine.

Users, when logged in, should be able to register/login/logout/change password/change profile; view the list of problems; submit his code for evaluation and get feedback.

Features to be implemented in sprint 1

1. User registration
2. User login
3. User logout
4. User password reset
5. User profile change (including avatar)
6. Problem list
7. Problem pages
8. Submit and run code
9. Problem feedback (Pass/Compile Error/Wrong Answer/TLE/MLE)

Tasks

Feature	Task	Cost (hour)	Assigned to
User registration	Create data model for users	2	Jing Li

User login/logout	Modify grumblr code	1	Jing Li
User password reset	Modify grumblr code	1	Jing Li
User profile change	Modify grumblr code	1	Jing Li
Problem list	Create problem models and problem folders	2	Jiaxi Xiong
	Create problem list page template	2	Jiaxi Xiong
Problem page	Create problem pages templates: one page per problem	4	Jiaxi Xiong
Compile code	Create handlers for calling python scripts	5	Hailei Yu
	Run code on local machine	3	Hailei Yu
Code run feedback	Gather feedback from compiler	2	Hailei Yu
	Gather feedback from shell	3	Hailei Yu