

Third Sprint Planning Details

Streaming event data compliance checking in Python

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Tasks	Details	Time	Assignee
1. Test	Description: <ul style="list-style-type: none">a. Mutli-client simultaneously logging and compliance checking.b. Correction of compliance checking.c. Exceptions testing.		Jingjing Huo
	Implementation: Look through the code and add exception handling if need.	8h	
	Testing: <ul style="list-style-type: none">1. Check if the uuid is already used when user logs in;2. Manually compare the results from our system with the ground truth(using some event log with proper size);3. Test exceptions for all possibilities.	2h	
	Documentation	2h	
2. Server logging	Description: Create Logging Class has already implemented.		Sabya Shaikh
	Implementation: <ul style="list-style-type: none">1. Adding logging into every function at server side.	4h	
3. Deployment	Description: We use docker and kubernetes technic to deploy our project.		Zheqi Lyu/ Jingjing Huo/ Sabya Shaikh
	Implementation: <ul style="list-style-type: none">1. Writing Dockerfile and docker-compose.yml to build an image of our project, so that our	15h	

	<p>project can run in a container (or we can publish it into hub.docker.com).</p> <p>2. Push our image into Google Container Engine, and expose pod to allow external access.</p>		
	<p>Testing: Test availability and performance after deployment.</p>	2h	
	Documentation	2h	
4. Improve deviation automata	<p>Description: Improve the deviation automata. E.g. Scale the automata size for the automata with large node name.</p>		Zheqi Lyu
	<p>Implementation: a. Better layout for the automatas.</p>	6h	
	<p>Testing: a. Check, if the automatas can have a better layout with different size-number of deviations.</p>	2h	
	Documentation	1h	