

ENG 4000 Weekly Meeting Minutes



Every week, this document should be presented to the supervisor, as this will be the basis for grading.

Project Name	Satellite Operations Services Optimizer
Date & Time of Meeting	2023/09/22 (~3:30 PM)

Attendees			
#	Name	Student ID	Username (email)
1	Youssef Hany	216885766	youssef8@my.yorku.ca
2	Rafael Dolores	216142069	rafd47@my.yorku.ca
3	James Le	217270943	jamesmql@my.yorku.ca
4	Walid Al Dari	218375162	walidald@my.yorku.ca
5	Ruth Bezabeh	216171795	ruttkas@my.yorku.ca
6	Stanley Ihesiulo	216985236	ihesiulo@my.yorku.ca
7	Hashir Jamil	217452954	hashirj@my.yorku.ca

Decision Made / Agenda / Objectives / Plan for the Coming Week
<p>Conclusions:</p> <ul style="list-style-type: none"> - Tech Stack developed and received feedback on constraints. - Observation opportunities need to be calculated. - Agile Methodology -> Show prototype and receive feedback. - Testing Protocols -> "Day in a life" scenarios based on given inputs and outputs. - What systems are currently in place and are in use? They have systems right now that perform these tasks. Many satellite interactions right now are done manually. The objective is to move this to an optimised form. Will provide 3 short list of optimization goals <ol style="list-style-type: none"> 1. use few resources as possible 2. ??? 3. ??? optimization is up to us (minimising number of contacts to fulfil ordered request) - No budget needed, except maybe hosting our own domain. - STK testing is not needed but could be used for validation.

Team Responsibilities for the Coming Week		
#	Name	Responsibility
1	Youssef Hany	Investigate what needs to be calculated for the schedule building, satellite, and ground station.
2	Rafael Dolores	Finalize Architecture, Create Github Repository.
3	James Le	UI/UX Design of the front-end of the web-app.
4	Walid Al Dari	Investigate different DBMS products.
5	Ruth Bezabeh	Python Fundamentals

6	Stanley Ihesiulo	Test Rabbit MQ Product.
7	Hashir Jamil	Investigate Event Broker Product.

Progress Report on Last Week's Activities			
#	Name	% Completed	Comment (provide the reasoning only if 100% is not completed)
1	Youssef Hany	100	
2	Rafael Dolores	100	
3	James Le	100	
4	Walid Al Dari	100	
5	Ruth Bezabeh	100	
6	Stanley Ihesiulo	100	
7	Hashir Jamil	100	