

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	2023/11/10 (1:30 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	
<ul style="list-style-type: none"> - What did you like from the group for the peer review? <ul style="list-style-type: none"> - Budget Breakdown, Challenges & Proposed Solutions, User feedback. - How would you improve your presentations? <ul style="list-style-type: none"> - Adaptive based on audience. - Work ahead of time. - Shouldn't follow a script. - Should mention: Stakeholders, Clients as well, timeline, problem definition. Description should be specific. - What is the metric we are optimizing for? <ul style="list-style-type: none"> - Use as many of the assets (satellites and ground stations) as possible. - Load distribution, response time & feedback for requests. - Priority: # of ground stations, # of satellites, power usage. - 2nd tier objective: Optimization of scheduler. <p>CSA Meeting:</p> <ul style="list-style-type: none"> - Were we able to create complex image orders that have repeat cycles? <ul style="list-style-type: none"> - Yes, they were made and will be sent out. - Front-End -> Add GS & SAT? <ul style="list-style-type: none"> - GS: <ul style="list-style-type: none"> - Good start, might want to add variables later. - SAT: 	

<ul style="list-style-type: none"> - Consider removing GS and SAT.
<ul style="list-style-type: none"> - Add column filters & export tables from activities. When exporting data, csv is the best format for export.
<ul style="list-style-type: none"> - be flexible for edge cases of image windows, i.e., starting near end of window <ul style="list-style-type: none"> - The ideal case is that we do it well before end time. - Transfer time before end-time OR after start-time. - Exposure is instantaneous.
<ul style="list-style-type: none"> - Backlog of items: Column filters & export .csv, Remove SAT & GS.

Team Responsibilities for the Coming Week		
#	Name	Responsibility
1	Youssef Hany	[GS: Uplink Rate, Front-End: Develop page for operator user case to add ground station.] [Satellite: Downlink Rate, FOV calculation.]
2	Rafael Dolores	
3	James Le	
4	Walid Al Dari	
5	Ruth Bezabeh	
6	Stanley Ihesiulo	
7	Hashir Jamil	

Progress Report on Last Week's Activities			
#	Name	% Completed	Comment (provide the reasoning only if 100% is not completed)
1	Youssef Hany	60	FOV correct, need more testing for FOV. Pass functions from satellite code to ground station code.
2	Rafael Dolores		
3	James Le		
4	Walid Al Dari		
5	Ruth Bezabeh		
6	Stanley Ihesiulo		
7	Hashir Jamil		