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	2023/10/13 (~2:30 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

our updates
setting up servers

plan for this week
basic front end
framework set up

what are expectations milestones
- iterative depends on how you set up
- maybe share sprints yes or maybe not right dir
- depends on you - propose what you want
- we'll say valid or not, provide guidance

what about at the end of the project
good solution would be
- front end: view status from gs, satellite status - available storage, power, position , order status
- system: efficiently allocates /schedule distributed schedule
- reallocate tasks not lose activities

what are your priority on deliverables viewing status or backend algorithms
- look at project milestones and decide what to focus your resources on
- we don't have a set outcome
- might be better to work on seperate services rather than one ui
- you can work on aspects and we'll give feedbak and iterate and have a back and forth.

pretend we don't really know what we want and

Expectations new weekly inputs coming in will we have a new expectation in january
you don't have all the expectaions right now, we'll keeep asking or adding to see how system will react to the different cases and activities

technical optimizing - number of requests we can except to recieve
100 per day per spacecraft - is idealized range
either batchdrop or spreadout

load balancer
see how system performs first before thinking about scalability. see how it performs on a smaller scale. figure out limitations first you might think one will be a bottle neck but find a different one.

will send package with 50 sample orders.

Team Responsibilities for the Coming Week		
#	Name	Responsibility
1	Youssef Hany	Develop satellite and ground station calculations.
2	Rafael Dolores	Image & Activity Request Endpoints for Event-Relay-API
3	James Le	Research similar web-apps to our product.
4	Walid Al Dari	Outbound Functionality into Ground Station Outbound Microservice.
5	Ruth Bezabeh	Database Code Development Example
6	Stanley Ihesiulo	Integrate Satellite Calculations into scheduler microservice.
7	Hashir Jamil	NGINX vs. Kubernetez investigation + Design Database Schema.

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	