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	Pantheon 3D Smart Material Management
Date & Time of Meeting	March 7th, 2025 @ 2:30 pm

Attendees			
#	Name	Student ID	Username (email)
1	Luca Filippelli	217902461	lfilippelli5@gmail.com
2	Jean Granato	218986943	Jeangran@my.yorku.ca
3	Luqmaan Irshad	217222365	luq21@my.yorku.ca
4	~~Tharuveen Raveendran~~	~~217863986~~	~~parask02@my.yorku.ca~~
5	Paras Kumar	217832478	thar7@my.yorku.ca
6	Ethan Tran	217048604	trane01@my.yorku.ca
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Decision Made / Agenda / Objectives / Plan for the Coming Week

Standup Notes
- Luca
    - Completed database fix story (materials don't brick)
    - PR for another bug fix
    - Helped Paras and Luqmaan bug fix a couple stories
    - Next steps: work on selenium testing and mailer stories
    - Paras, Luqmaan and Luca will meet to do a mass merge over the weekend
- Tharuveen
    - Happy Birthday!
    - Gave update via Discord
        - Tidied up the warnings and push to main without issues
        - Work on the mobile friendly page for the QR scan
- Luqmaan
    - Completed most of the scale
        - Measuring, integration to the rest of the circuit
        - Luca helped with the unit tests on the database end as I was having issues with the library imports (we weren't able to resolve in time)
        - Purchased the new display, obtained the breadboard from Luca
        - Next steps: add display to scale
            - Thinking of displaying temp, humidity as well as mass
    - WiFi passkey story, followed up again with Professor Edris and gave him the board's MAC address, which he coordinated to add to AirYorkGuest Wifi
        - Waiting on Ask Lassonde IT to reply to confirm they have registered the MAC address
- Ethan
    - Completed the circuitry housing for the scale

- o Blocked on scale housing until Luqmaan has display to install
- Paras
    - o Solved the web socket issue with the mass listener in the backend
        - ▪ Asynchio was causing the threads to be different, meaning it was mutating different data from the main thread
        - ▪ Having issues now with MQTT, suspecting they are also on their own thread
    - o Potentially move frontend stories to next sprint
- Jean
    - o Completed desiccant holder design, sent Nick the design for a quote
    - o Discussing printing options: Jean VS Nick
    - o Jean will look into getting printing set up tonight or tomorrow night
    - o Would like to know how much Nick will charge
    - o Considering 3 desiccant holders; one for each shelf
- Luca suggested print the minimum amount from Pantheon, and we will look into printing more if needed down the line
- Jean suggested installing QIRA to Ethan, to estimate material printing costs
- Next sprint items
    - o Mech verification
    - o Connect circuitry to shelving unit
    - o Add pantheons styling to the website
    - o Backend and Frontend refactoring
    - o Connect all hosting servers to each other
        - ▪ Make env variables for remote and local DB access (2 points each)
        - ▪ Connect backend server to frontend (using a prefix or env variables)
        - ▪ Potentially replace constants file and bake all the variables
- Paras: does Pantheon have a domain?
    - o Luca: reach out to Nick
    - o Jean: pantheon3dp.ca
- Luca: how do we want to split up the mechanical design verification
    - o Jean: 3 things
        - ▪ humidity sensor
        - ▪ ensuring there is enough space to hold everything
        - ▪ How much desiccant is optimal
    - o Did a rough calculation with Nick and Ethan, more than 50 spools can fit
    - o Luqmaan can help with verifying circuitry work
- Luca: QR code printing could be left to last sprint as it depends on other tickets
- Luca worked on a bug, has a branch set up to deal with it (only for the webapp)

Team Responsibilities for the Coming Week		
#	Name	Responsibility
1	Luca Filippelli	Complete assigned stories
2	Jean Granato	Complete assigned stories
3	Luqmaan Irshad	Complete assigned stories
4	Tharuveen Raveendran	Complete assigned stories

5	Paras Kumar	Complete assigned stories
6	Ethan Tran	Complete assigned stories
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Progress Report on Last Week's Activities			
#	Name	% Completed	Comment (provide the reasoning only if 100% is not completed)
1	Luca Filippelli	100	
2	Jean Granato	100	
3	Luqmaan Irshad	100	
4	Tharuveen Raveendran	100	
5	Paras Kumar	100	
6	Ethan Tran	100	
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