

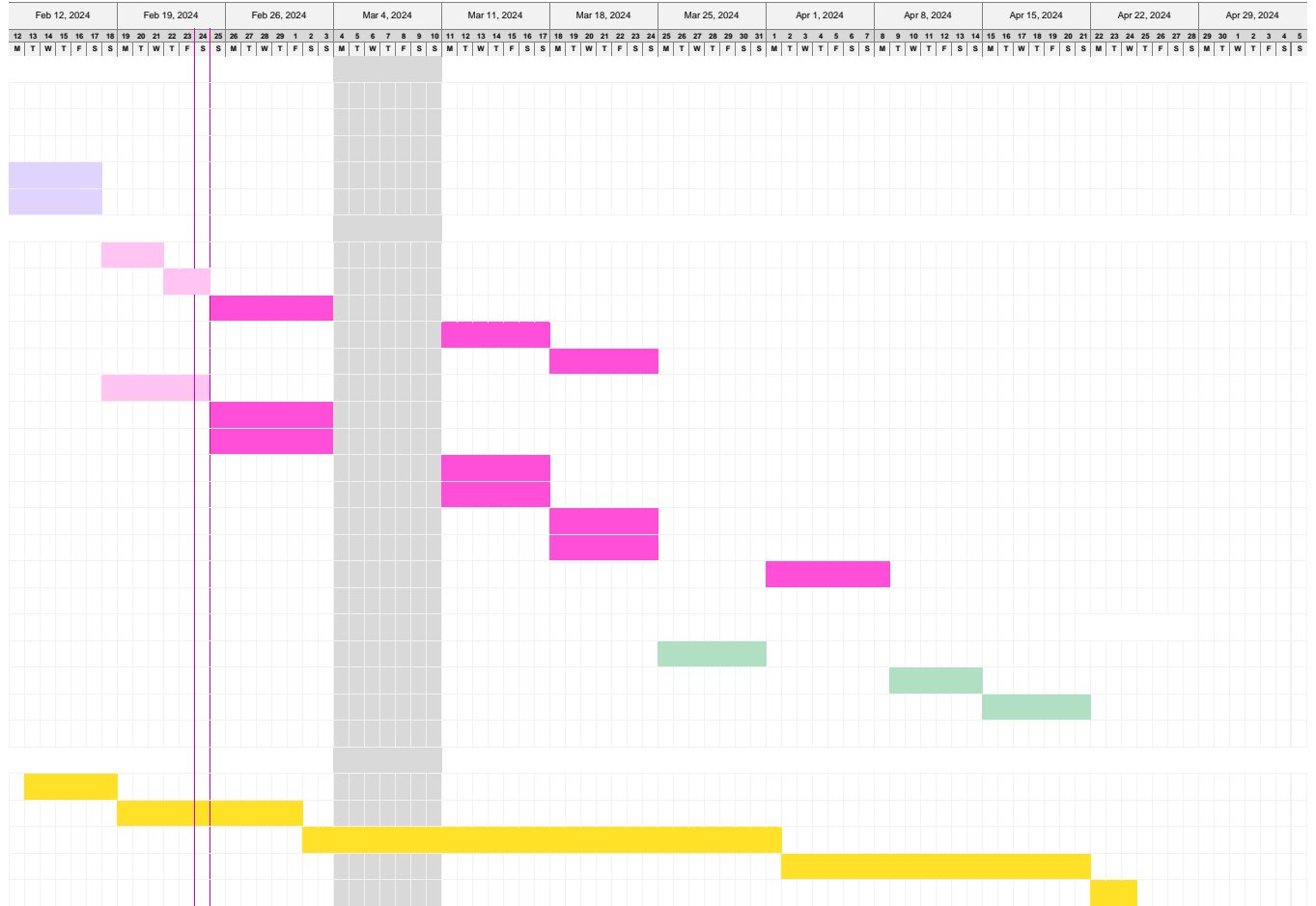
# Scotty Maps

18500 Capstone / Team B7 / Development Schedule

Project start: **Sun, 2/4/2024**

Display week: **2**

TASK	ASSIGNED TO	PROGRESS	START	END
<b>Planning</b>				
Ideation	All	100%	2/4/24	2/7/24
Proposal Slides	All	100%	2/1/24	2/4/24
System Design research	All	100%	2/4/24	2/8/24
Research design of receiver	Weelie, Jeff	100%	2/10/24	2/17/24
Research design of nodes	Ifeanyi, Jeff	100%	2/10/24	2/17/24
<b>Development</b>				
Django app Setup and models	Jeff	100%	2/18/24	2/21/24
Frontend display of map + building	Jeff	100%	2/22/24	2/24/24
Frontend: JS controlled building img in contain	Jeff		2/25/24	3/3/24
Dijkstra's algorithm, display path on floor	Jeff		3/11/24	3/17/24
Navigation with instructions	Jeff		3/18/24	3/24/24
Test DWM1001-Dev boards	Weelie, Ifeanyi	100%	2/18/24	2/24/24
DWM1001-Dev network	Weelie, Ifeanyi		2/25/24	3/3/24
DWM1001 Gateway w/Rpi	Ifeanyi, Weelie		2/25/24	3/3/24
Localization Algorithms	Weelie		3/11/24	3/17/24
Program IMU for the Tag	Ifeanyi		3/11/24	3/17/24
Mapping out a building	Ifeanyi		3/18/24	3/24/24
Communication from tag to webapp	Weelie, Jeff		3/18/24	3/24/24
Refinement of Localization	All		4/1/24	4/8/24
<b>Testing and Validation</b>				
Test, troubleshoot localization	All		3/25/24	3/31/24
Full Scale Testing	All		4/9/24	4/14/24
Slack	All		4/15/24	4/21/24
<b>Deliverables</b>				
Design Presentation	All		2/13/24	2/18/24
Design Document	All		2/19/24	3/1/24
Interim Demo	All		3/2/24	4/1/24
Final Presentation	All		4/2/24	4/21/24
Final Documents	All		4/22/24	4/24/24



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