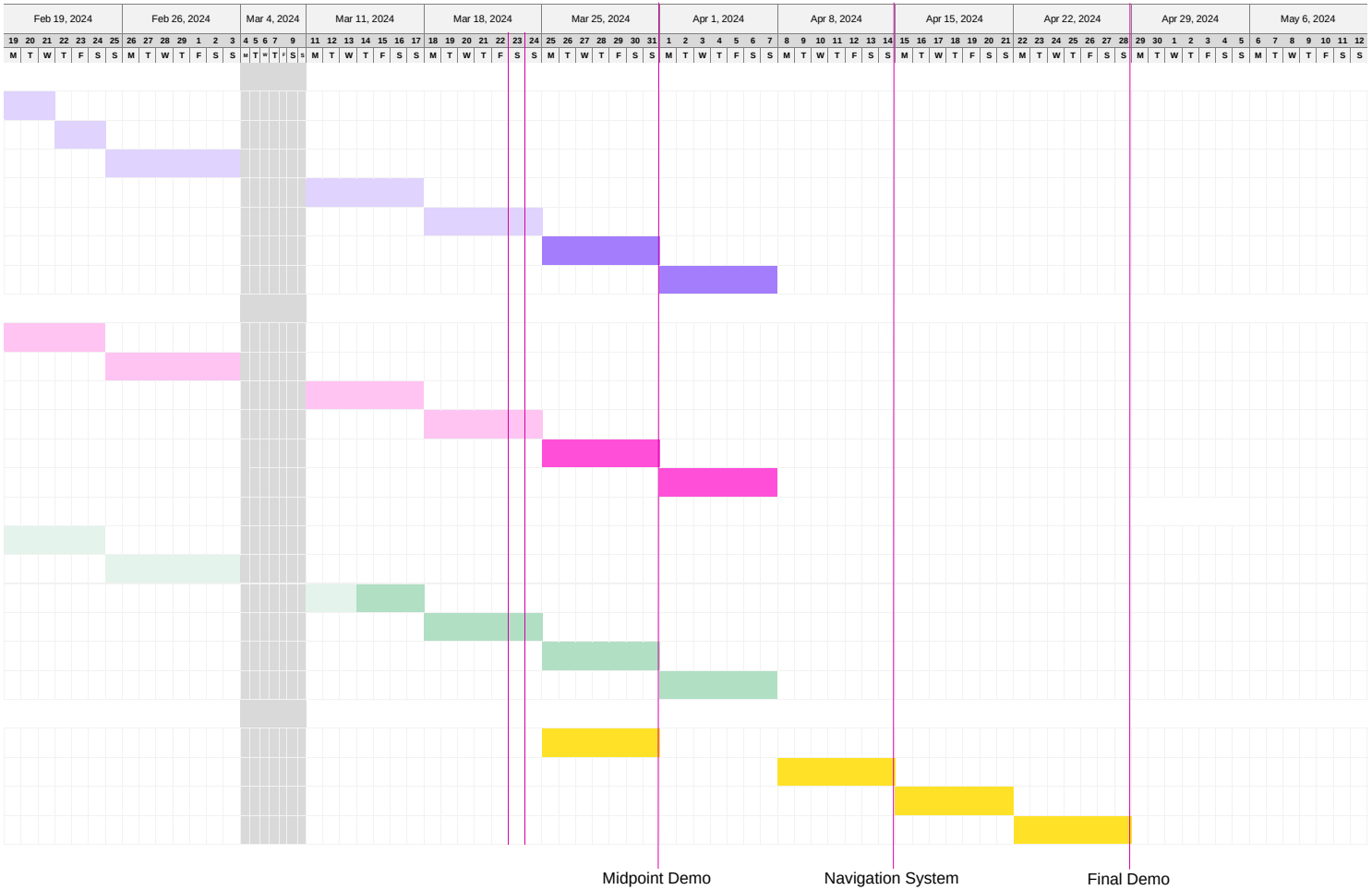
Scotty Maps

18500 Capstone / Team B7 / Development Schedule

Project start: Sun, 2/4/2024

Display week: 3

TASKS	PROGRESS	START	END
Jeff			
Django app Setup and models	100%	2/18/24	2/21/24
Frontend display of map + building	100%	2/22/24	2/24/24
Frontend: JS controlled building img in (	100%	2/25/24	3/3/24
A* algorithm, display path on floor	100%	3/11/24	3/17/24
Communication from tag to webapp	100%	3/18/24	3/24/24
Test Websocket and test A*		3/25/24	3/31/24
Navigation with Instructions		4/1/24	4/7/24
Weelie			
Test DWM1001-Dev boards	100%	2/18/24	2/24/24
Testing network of Anchors/Tag	100%	2/25/24	3/3/24
Localization Algorithms	100%	3/11/24	3/17/24
Communication from tag to webapp	100%	3/18/24	3/24/24
Improve localization accuracy		3/25/24	3/31/24
Location Prediction with IMU		4/1/24	4/7/24
Ifeanyi			
Test DWM1001-Dev boards	100%	2/18/24	2/24/24
DWM1001 Gateway w/Rpi	100%	2/25/24	3/3/24
Program IMU for the Tag	50%	3/11/24	3/17/24
Constructing Graph of building		3/18/24	3/24/24
Program IMU for the Tag		3/25/24	3/31/24
Mapping out entire building		4/1/24	4/7/24
Everyone			
Testing inside a Hallway/Room		3/25/24	3/31/24
Testing Navigation System		4/8/24	4/14/24
Slack		4/15/24	4/21/24
Final Testing/Slack		4/22/24	4/28/24