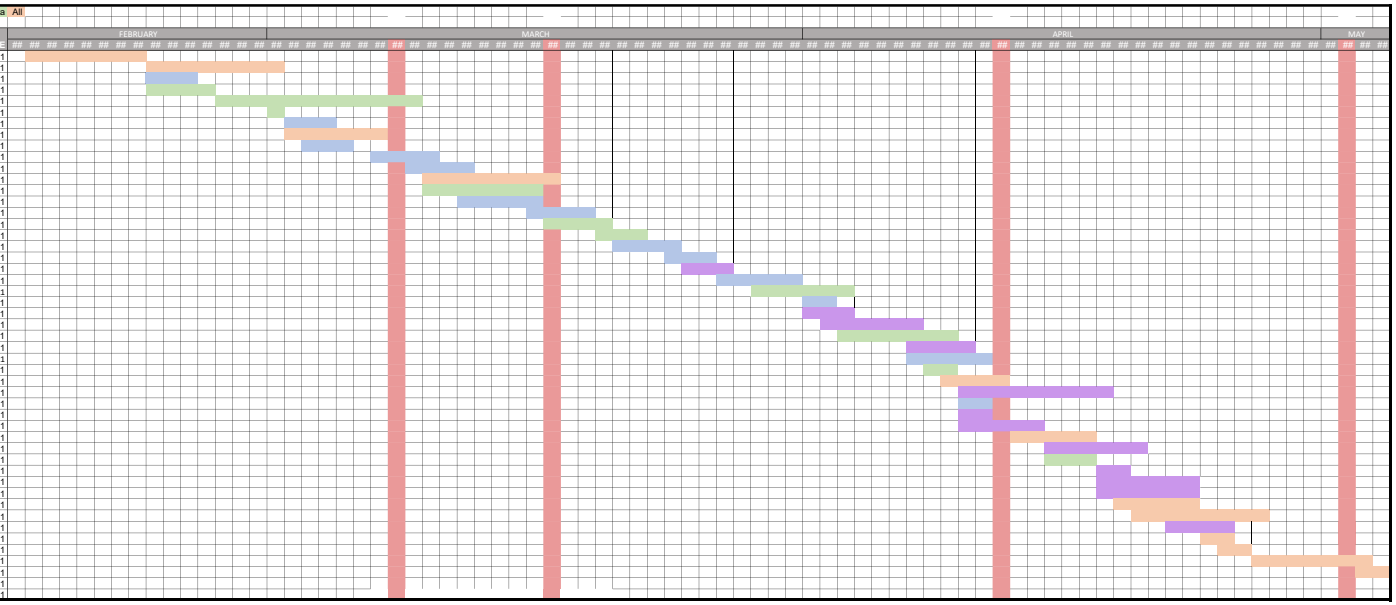
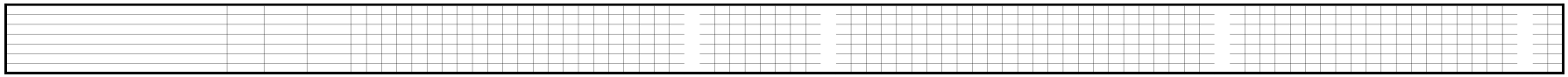
LEGEND	Danielle	Heidi	Vaheeshta	All

TASK	ASSIGNE	START DA	END DATE
Proposal Presentation	All	2/15/2021	2/21/2021
Research design specifications	All	2/22/2021	3/1/2021
Research face detection, landmarking, headpose examples	Heidi	2/22/2021	2/24/2021
Research eye classification examples	Vaheeshta	2/22/2021	2/25/2021
Write eye classification algorithm (on laptop)	Vaheeshta	2/26/2021	3/9/2021
Order hardware components	Vaheeshta	3/1/2021	3/1/2021
Write simple face detection (on laptop)	Heidi	3/2/2021	3/4/2021
Design Presentation	All	3/2/2021	3/7/2021
Write simple face landmarking (on laptop)	Heidi	3/3/2021	3/5/2021
Write face detection algorithm (on Xavier)	Heidi	3/7/2021	3/10/2021
Write simple head pose (on laptop)	Heidi	3/9/2021	3/12/2021
Design Report	All	3/10/2021	3/17/2021
Test eye classification algorithm (on laptop)	Vaheeshta	3/10/2021	3/16/2021
Test face detection algorithm (on laptop)	Heidi	3/12/2021	3/16/2021
Write face landmarking algorithm (on Xavier)	Heidi	3/16/2021	3/19/2021
Find and download dataset for open/closed (DROZY)	Vaheeshta	3/17/2021	3/20/2021
Test eye classification on self, partners, and dataset	Vaheeshta	3/20/2021	3/22/2021
Test face landmarking algorithm	Heidi	3/21/2021	3/24/2021
Write head pose estimation algorithm	Heidi	3/24/2021	3/26/2021
Set up Jetson/Camera/Static IP	Danielle	3/25/2021	3/27/2021
Test head pose estimation with different cutoffs	Heidi	3/27/2021	3/31/2021
Write calibration and training system for eye classification	Vaheeshta	3/29/2021	4/3/2021
Integrate head pose estimation with landmarking	Heidi	4/1/2021	4/2/2021
Create custom dataset for face detection	Danielle	4/1/2021	4/3/2021
Write focus timer (2) classification based on time not facing forv	Danielle	########	04/07/2021
Integrate eye classification + head pose estimation v1	Vaheeshta	4/3/2021	4/9/2021
Write focus timer (1) classification based on time eyes closed	Danielle	########	04/10/2021
Write calibration and training system for head pose	Heidi	4/7/2021	4/11/2021
Integrate and test eye classification on Xavier	Vaheeshta	4/8/2021	4/9/2021
Prepare for interim demo	All	4/9/2021	4/12/2021
Create audio alert system	Danielle	4/10/2021	4/18/2021
Integrate eye classification + head pose estimation v2	Heidi	4/10/2021	4/11/2021
Integrate head pose + eye clasification with focus timer	Danielle	########	04/11/2021
Create audio prompts for calibration	Danielle	4/10/2021	4/14/2021
Implement feedback from interim demo	All	4/13/2021	4/17/2021
Integrate custom data set with LFW dataset	Danielle	4/15/2021	4/20/2021
Test with Xavier with power bank	Vaheeshta	4/15/2021	4/17/2021
Test audio alert and audio prompts on Xavier with speaker	Danielle	4/18/2021	4/19/2021
Implement GPU acceleration	Danielle	4/18/2021	4/23/2021
Implement threading	Danielle	4/18/2021	4/23/2021
Integrate all parts	All	4/19/2021	4/23/2021
Slack	All	4/20/2021	4/27/2021
Label face landmarks for pixel radius accuracy	Danielle	4/22/2021	4/25/2021
Test in controlled environment and gather metrics	All	4/24/2021	4/25/2021
Test in car and gather metrics	All	4/25/2021	4/26/2021
Final Presentation	All	4/27/2021	5/3/2021
Final Video	All	5/3/2021	5/12/2021
Final Report	All	5/9/2021	5/14/2021
Public Demo	All	5/13/2021	5/13/2021