Simulation Project

Team B

Improve Throughput of the Main Road

Hannoversche Str. / Diesdorfer / Ummendorfer Str.

Milestone 2

Presented by

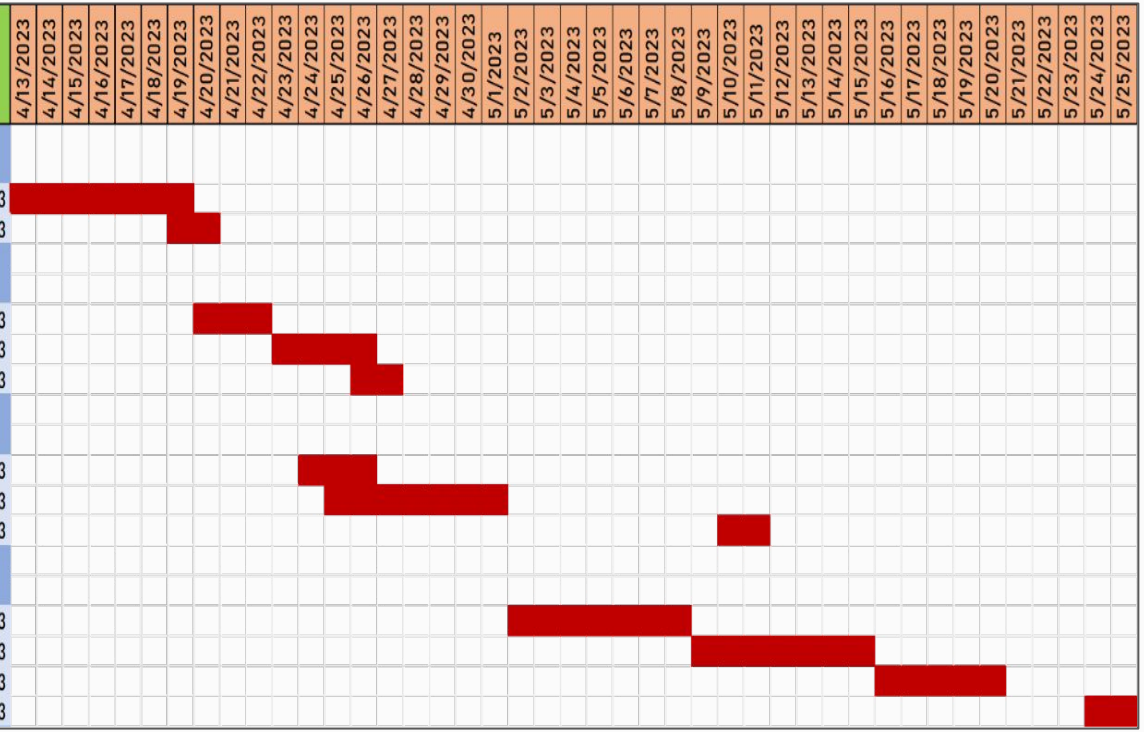
Juwana Jose

Overview

1. Project Schedule
2. Project Cost
3. Project Progress
4. Lessons Learned
5. Next Steps

Project Schedule

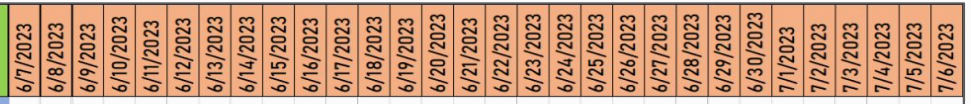
TASK	RESPONSIBLE	PROGESS	START	END
Milestone-1: Team				
Role Assignment	Everyone	100%	4/13/2023	4/19/2023
Presentation	Karthik	100%	4/19/2023	4/20/2023
Milestone-2: Project Plan				
Substeps	Everyone	100%	4/20/2023	4/22/2023
Estimation	Juwana/Karthik/Oleeviya	100%	4/23/2023	4/26/2023
Presentation	Juwana	100%	4/26/2023	4/27/2023
Milestone-3: Conceptual Model				
Assumptions/experiments	Ijaaz/Gregor/Rahul	100%	4/24/2023	4/26/2023
Petri nets	Rahul/Gregor	40%	4/25/2023	5/1/2023
Presentation	Rahul	0%	5/10/2023	5/11/2023
Milestone-4: Data Analysis				
Data Needed	Juwana/Oleeviya	0%	5/2/2023	5/8/2023
Data Collection	Juwana/Karthik	0%	5/9/2023	5/15/2023
Accuracy Checking	Juwana/Oleeviya/everyone	0%	5/16/2023	5/20/2023
Presentation	Juwana	0%	5/24/2023	5/25/2023



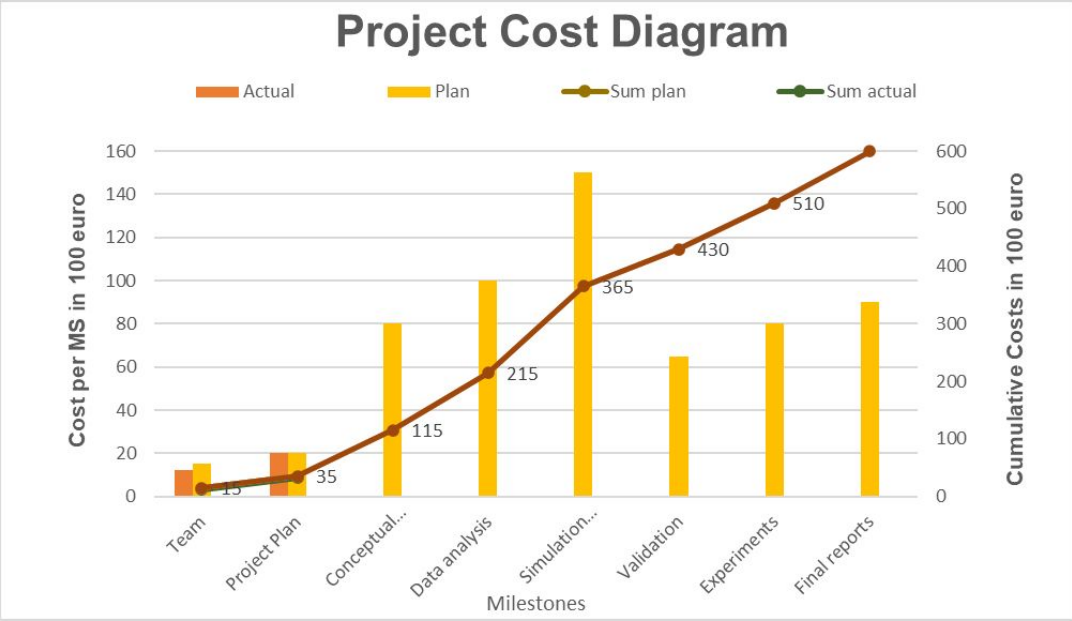
Project Schedule (Contd.)

TASK	RESPONSIBLE	PROGESS	START	END
Milestone-5: Simulation Program				
Concept and structure	Ijaaz/Gregor	0%	5/3/2023	5/9/2023
Validation	Rahul/Gregor	0%	5/10/2023	5/16/2023
Verification	Ijaaz/Gregor/everyone	0%	5/17/2023	5/23/2023
Presentation	Ijaaz	0%	5/31/2023	6/1/2023
Milestone-6: Validation				
Descriptions and Justification	Oleeviya/Karthik	0%	5/24/2023	5/30/2023
Limations and Corrections	Oleeviya/Juwana/everyone	0%	5/31/2023	6/3/2023
Presentation	Oleeviya	0%	6/4/2023	6/5/2023

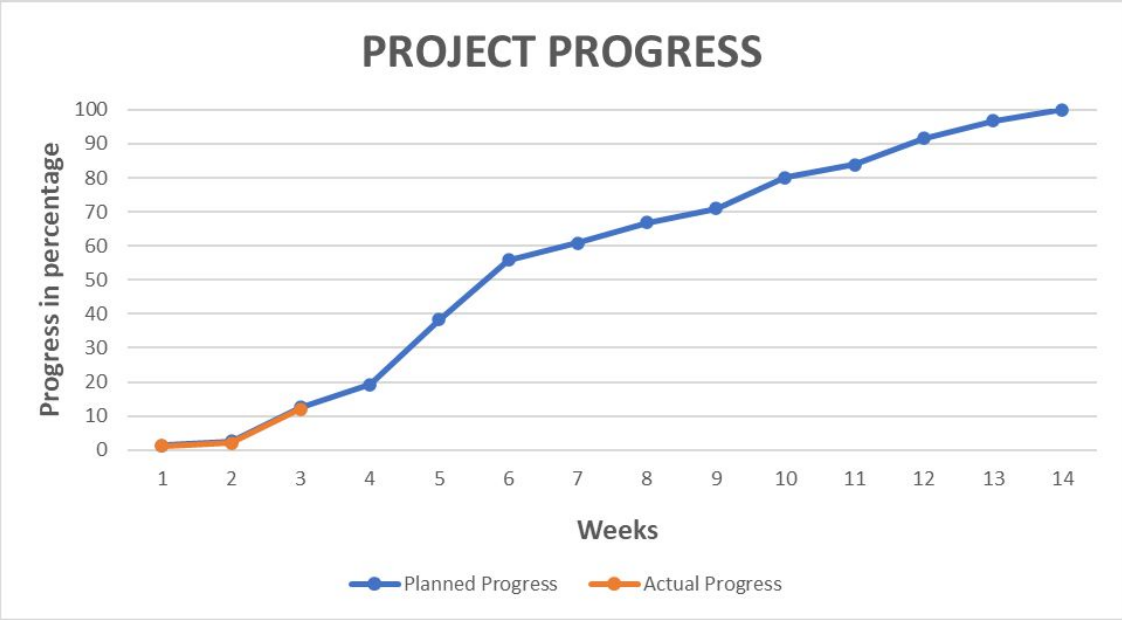
TASK	RESPONSIBLE	PROGESS	START	END
Milestone-7: Experiments				
Description and Justification	Gregor/Ijaaz	0%	6/7/2023	6/13/2023
Results	Gregor/everyone	0%	6/14/2023	6/20/2023
Presentation	Gregor	0%	6/28/2023	6/29/2023
Milestone-8:: Final Report				
Cost Summartisation	Everyone	0%	6/21/2023	6/27/2023
Description and Justification	Karthik/Juwana/Oleeviya	0%	6/28/2023	7/4/2023
Presentation	Karthik	0%	7/5/2023	7/6/2023



Project Cost



Project Progress



Lessons Learned

- How to plan and schedule a project
- How to create work packets for project members
- How to estimate costs for the project
- How to estimate the project progress

Next Steps

1. Building the Stochastic Petri Nets
2. Making reasonable assumptions (SPN)
3. Determine the data need (which was not known in the prior steps)
4. Distribution of Data Collection Task with Team A

Thank You

Questions?