



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



FAKULTÄT FÜR
INFORMATIK

TASK	RESPONSIBLE	PROGRESS	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



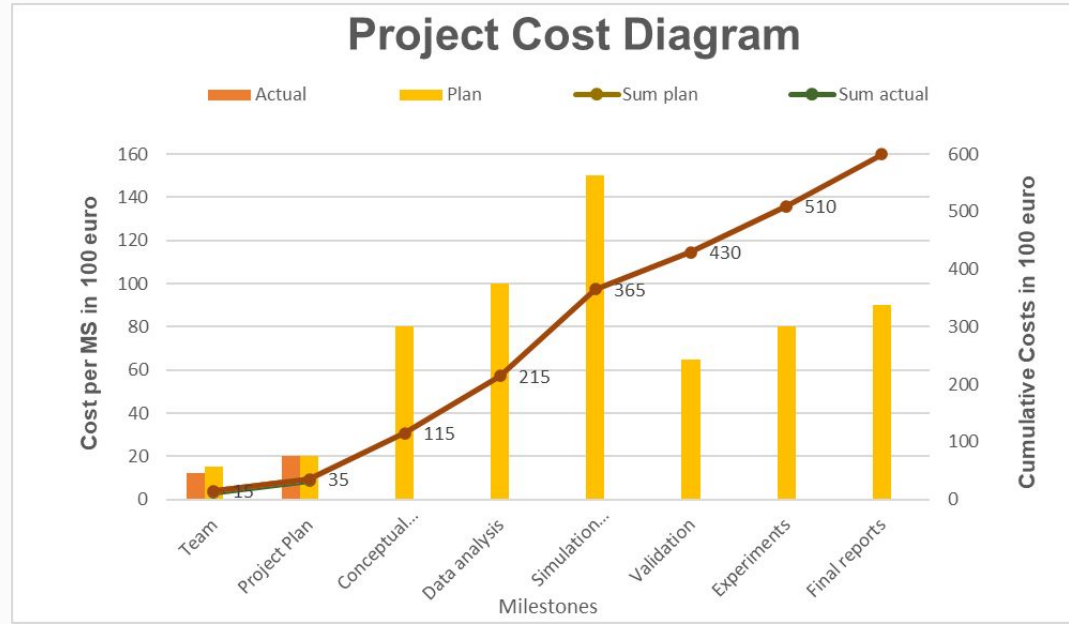
Project Schedule (Contd.)

TASK	RESPONSIBLE	PROGRESS	START	END	5/3/2023	5/4/2023	5/5/2023	5/6/2023	5/7/2023	5/8/2023	5/9/2023	5/10/2023	5/11/2023	5/12/2023	5/13/2023	5/14/2023	5/15/2023	5/16/2023	5/17/2023	5/18/2023	5/19/2023	5/20/2023	5/21/2023	5/22/2023	5/23/2023	5/24/2023	5/25/2023	5/26/2023	5/27/2023	5/28/2023	5/29/2023	5/30/2023	5/31/2023	6/1/2023	6/2/2023	6/3/2023	6/4/2023	6/5/2023	
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	PROGRESS	START	END	6/7/2023	6/8/2023	6/9/2023	6/10/2023	6/11/2023	6/12/2023	6/13/2023	6/14/2023	6/15/2023	6/16/2023	6/17/2023	6/18/2023	6/19/2023	6/20/2023	6/21/2023	6/22/2023	6/23/2023	6/24/2023	6/25/2023	6/26/2023	6/27/2023	6/28/2023	6/29/2023	6/30/2023	7/1/2023	7/2/2023	7/3/2023	7/4/2023	7/5/2023	7/6/2023	
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																															

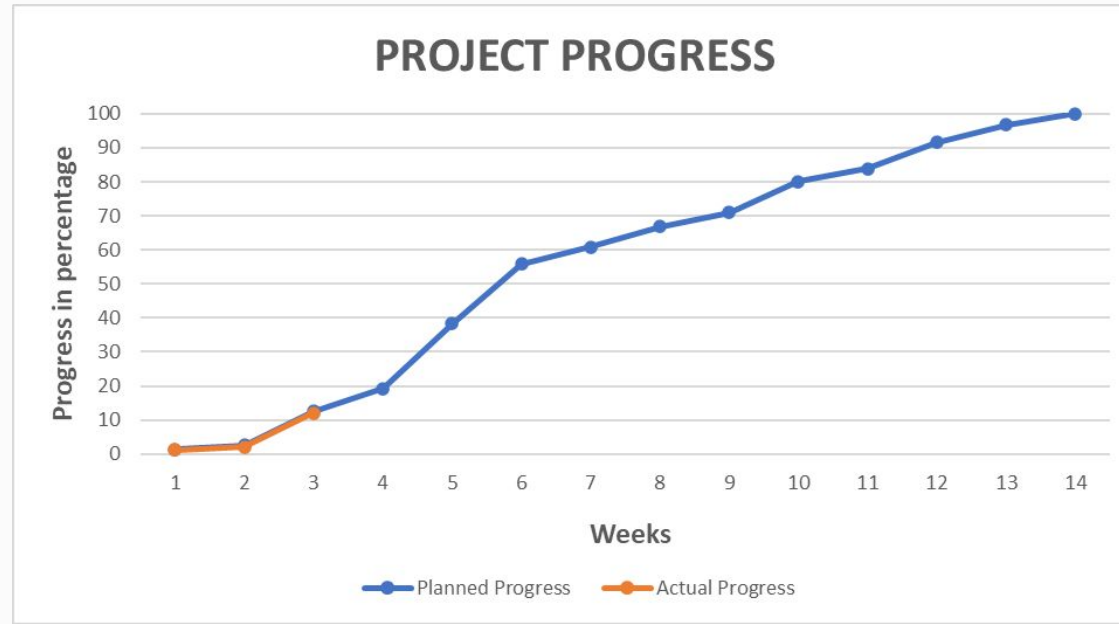


Project Cost





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?