Team Big Data

U-tification

Project Plan

Date: 10/03/2022

Team Leader: Joseph Armas

Team Members:

Joshua Gherman

Rhoy Oviedo

Frank Curry

Ghabrille Ampo

David DeGirolamo

Git Repository: https://github.com/JosephArmas/cecs-491A-Team-Big-Data

Version History

Current Version: Version 2

- Added Project Roadmap with Deadlines
- Replaced Time Table with Gantt Chart
- Added Risk Management and Feasibility Section
- Added References

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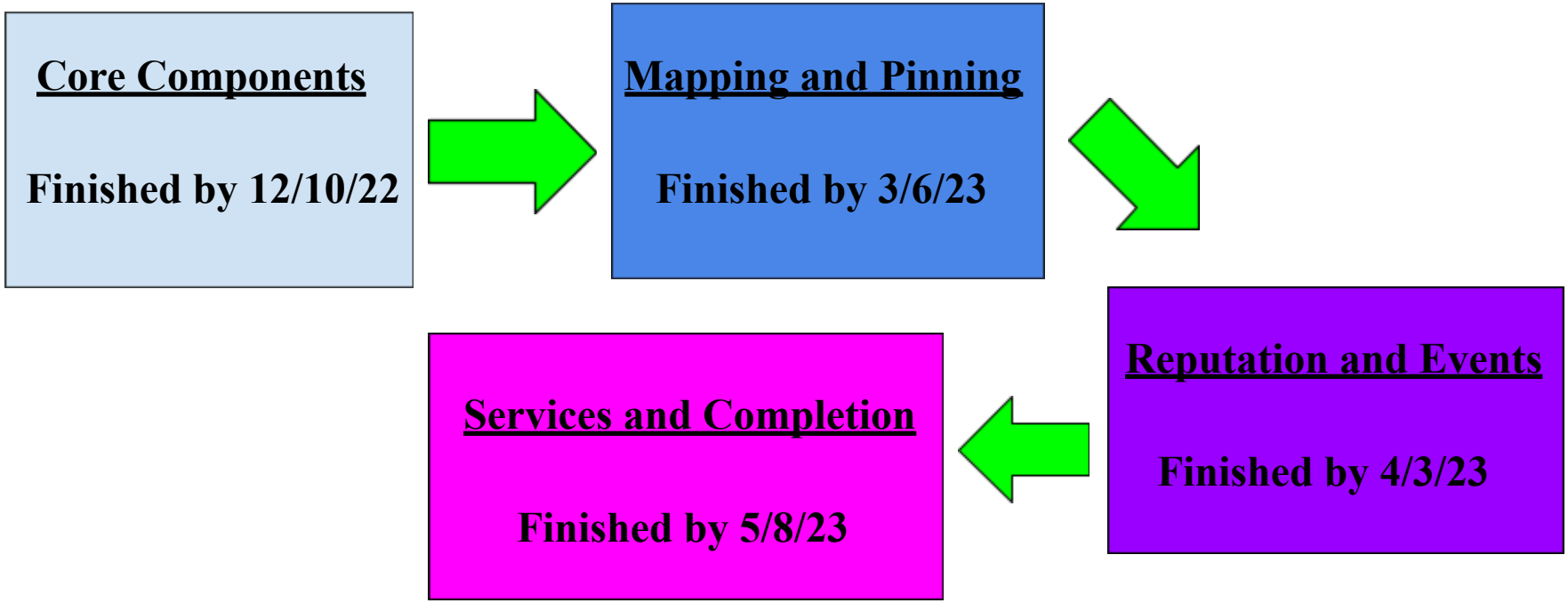
Roadmap


Core Components
Finished by 12/10/22
Mapping and Pinning
Finished by 3/6/23
Reputation and Events
Finished by 4/3/23
Services and Completion
Finished by 5/8/23

Schedule

U-Tification

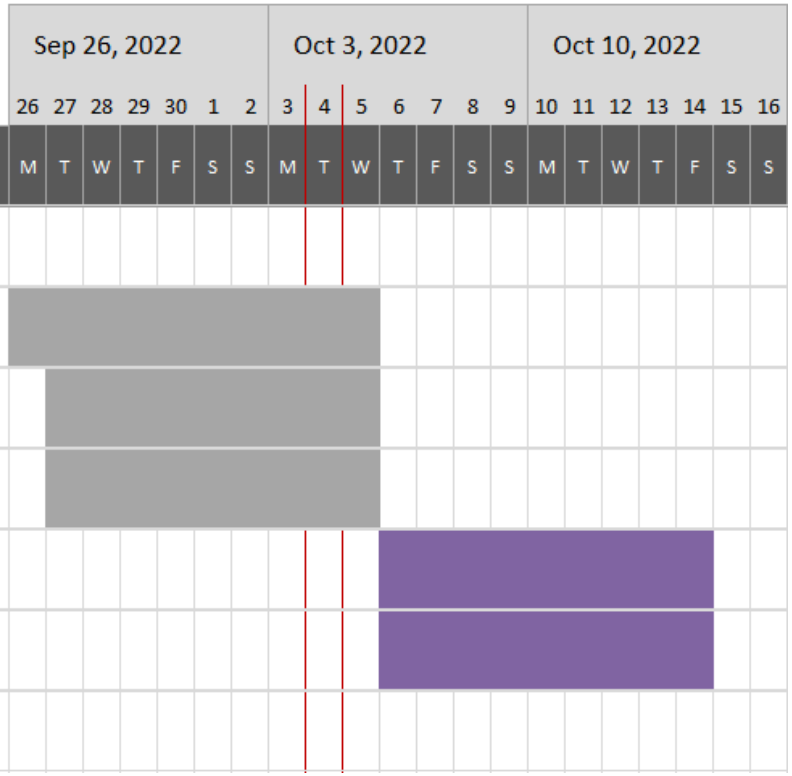
Team Big Data
Joseph Armas

SIMPLE GANTT CHART by Vertex42.com
https://www.vertex42.com/ExcelTemplates/simple-gantt-chart.html

Project Start: Mon, 9/26/2022

Display Week: 1

TASK	ASSIGNED TO	PROGRESS	START	END
Documents				
BRD	Joshua, Frank	100%	9/26/22	10/5/22
Project Plan	David, Rhoy	100%	9/27/22	10/5/22
HL Design	Joseph, Ghabrille	100%	9/27/22	10/5/22
LL Design			10/6/22	10/14/22
Network Diagram			10/6/22	10/14/22
BOM			12/8/22	12/11/22



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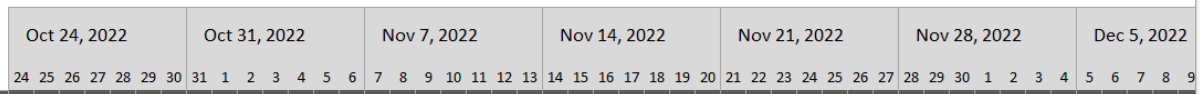
SIMPLE GANTT CHART by Vertex42.com
https://www.vertex42.com/ExcelTemplates/simple-gantt-chart.html

Project Start: Mon, 9/26/2022
Display Week: 5

TASK	ASSIGNED TO	PROGRESS	START	END
BOM			12/8/22	12/11/22
Core Components				
Registration			10/20/22	11/1/22
Logging			10/29/22	11/9/22
Authentication			11/10/22	11/18/22
Account Recovery			11/10/22	11/18/22
Authorization			11/28/22	12/10/22



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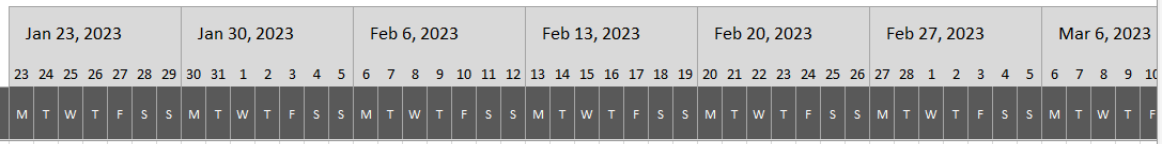
SIMPLE GANTT CHART by Vertex42.com
https://www.vertex42.com/ExcelTemplates/simple-gantt-chart.html

Project Start: Mon, 9/26/2022

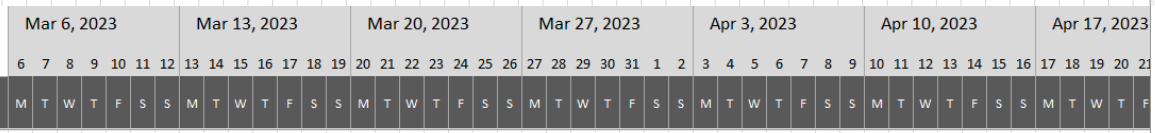
Display Week: 18

TASK	ASSIGNED TO	PROGRESS	START	END
Project Specific Components				
Litter Map			1/23/23	1/30/23
Pinning			1/31/23	2/20/23
Upload Picture			2/15/23	2/27/23
Reputation			3/6/23	3/19/23
Create Event			3/20/23	3/26/23
Join Event			4/3/23	4/10/23
Alerts			4/11/23	4/17/23
Service Requests			4/18/23	5/1/23



Display Week: 24

TASK	ASSIGNED TO	PROGRESS	START	END
Project Specific Components				
Litter Map			1/23/23	1/30/23
Pinning			1/31/23	2/20/23
Upload Picture			2/15/23	2/27/23
Reputation			3/6/23	3/19/23
Create Event			3/20/23	3/26/23
Join Event			4/3/23	4/10/23
Alerts			4/11/23	4/17/23
Service Requests			4/18/23	5/1/23



Team Work Capacity

**This is a rough estimate of time allocation for Team Big Data working on U-tification*

Total number of team members: 6

Member	Ghabe	David	Rhoy	Joseph	Josh	Frank
Hours(Per Week)	12	12	12	12	12	12

Total Team Capacity: 72 hours

Features Ranked By Difficulty

1. High Difficulty
    - Pinning 110 hours
    - Reputation 120 hours
    - Services 130 hours
    - Authorization 120 hours

2. Medium Difficulty
    - Upload Picture 60 hours
    - Create Event 60 hours
    - Alerts 60 hours
    - Registration 60 hours
    - Authentication 60 hours

3. Low Difficulty
    - Join Events 40 hours
    - Account Recovery 40 hours
    - LL Design 20 hours
    - Network Diagram 20 hours
    - BRD 30 hours
    - HL Design 20 hours
    - Project Plan 20 hours

Total Hours = 970
72 Hours per Week
13.47 Weeks to Complete (No Breaks)
Weeks Allocated = 26

Risk Mitigation Strategies

- Used big scale in approximations, so reduced change of underestimating time
- Extra week given before deadlines, which is meant for rest, but could be used to finish feature
- Some weekends given off as a break, could also be used to catch up on work

Acceptable Levels of Risk

- 1 week behind schedule is within acceptable levels of risk
- 2 weeks or more behind schedule is unacceptable and should seriously consider cutting back the scope

Feasibility

Team Big Data believes this plan is feasible to meet all imposed deadlines to complete the project by 5/8/23, based on the ideal estimates and realistic schedule to complete this project on time

References

Ghantt Chart Template from https://www.vertex42.com/ExcelTemplates/simple-gantt-chart.html