Team Big Data

Authentication Low Level Design

Date: 12/2/2022

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: V3

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Road Map

Total Project Timeline: August 22, 2022 - May 21, 2023

Total Sprints: 24

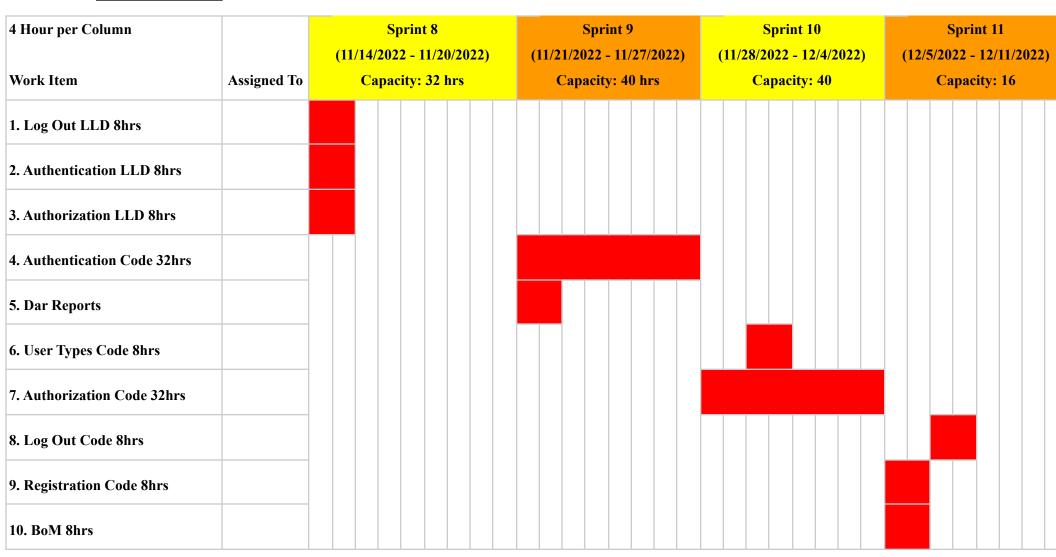
Total Hours: 960 hours

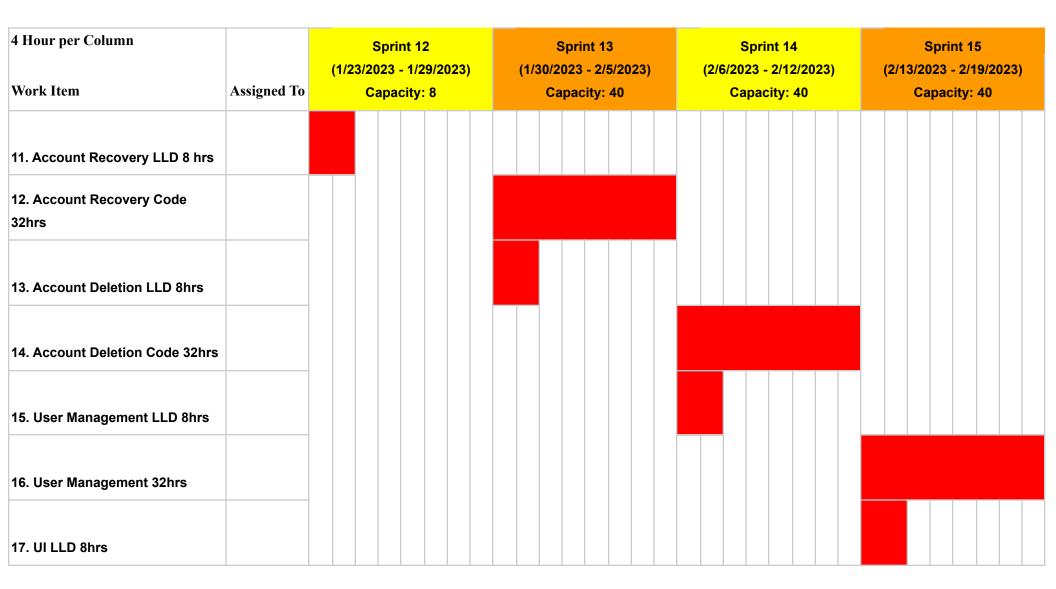
Hours per Week: 40 hours

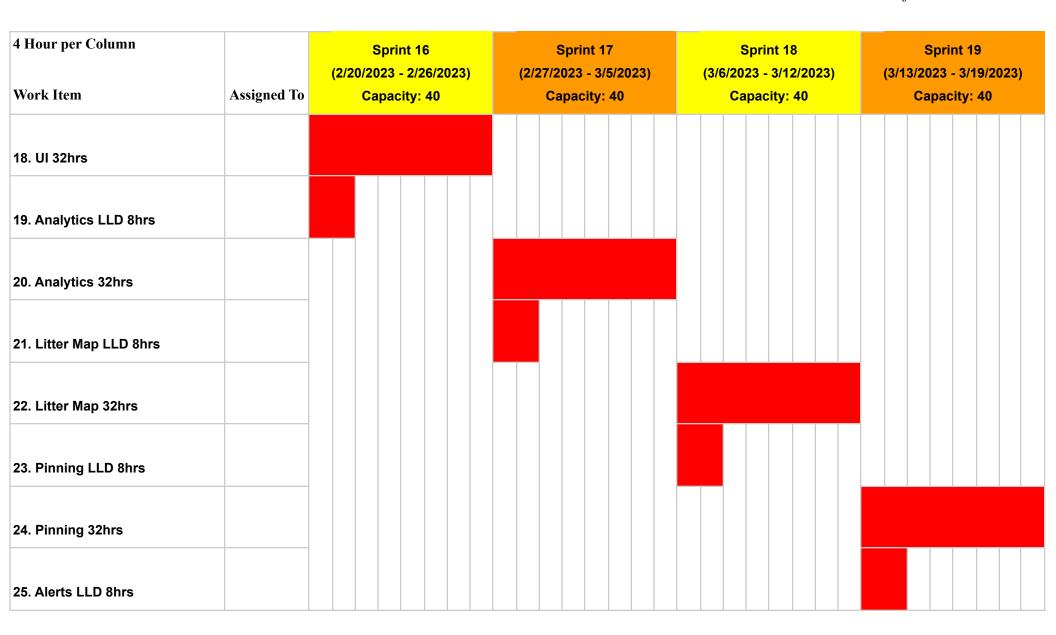
	Every column is a week	November	December	January	February	March	April	May
Semester #	Milestone Item							
		Milesto	one 3					
		<mark>(11/14/</mark>	22 -					
1	3. Account Security Part 1	12/11/2	2)					
	Includes: Authentication,							
	Authorization, Log out,							
	User types, BoM							
				Mi	lestone 4			
				(1/	23/23 -			
2	4. Account Security Part 2			2/1	9/23)			
	Includes: Account							
	Recovery, Account							

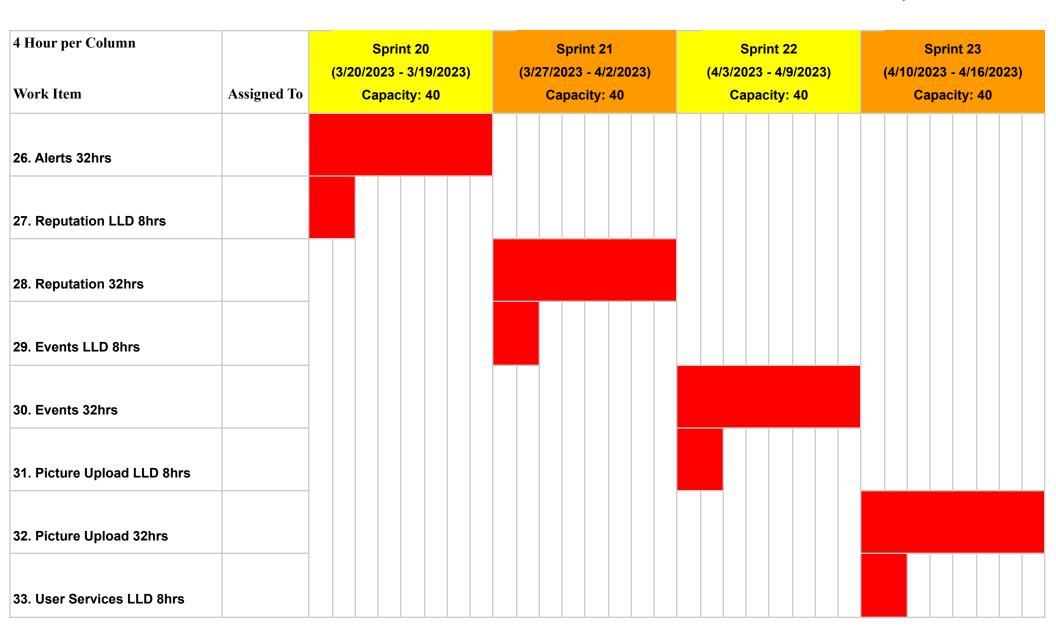
Deletion, User					
Management					
	Mi	ilestone 5			
	(2/	20/23 -			
5. UI	3/1	19/23)			
Includes: UI, Litter Map,					
Analytics					
			Milesto	ne 6	
			(3/20/2		
6. App Features Part 1			4/16/23		
Includes: Pinning, Alerts,					
Reputation					
					Milestone 6
					(4/17/23 -
7. App Features Part 2					4/23/23)
Includes: Events, Picture					
includes: Events, Ficture					

Gantt Chart









4 Hour per Column Work Item	Assigned To	Sprint 24 (4/17/2023 - 4/23/2023) Capacity: 40	Sprint 25 (4/24/2023 - 4/30/2023) Capacity: 0	Sprint 26 (5/1/2023 - 5/7/2023) Capacity: 0	Sprint 27 (5/8/2023 - 5/14/2023) Capacity: 0
34. User Services 32hrs					

4 Hour per Column Work Item	Assigned To	Sprint 28 (5/15/2023 - 5/21/2023) Capacity: 0	Sprint 28 (5/15/2023 - 5/21/2023) Capacity:0	
		-		

Team Work Capacity

Total number of team members: 6

Member	Ghabrille	David	Rhoy	Joseph	Josh	Frank
Hours Per week	8	8	8	8	8	8

Total Team Capacity Per Week: 48 hours

Feasibility and Risk Mitigation Strategies

- Weekly sprint capacity is set to 40 hours per week which is less than the total team capacity of 48 hours. This allows for some members within the week to take less capacity for personal needs.
- Utification is planned to be finished by 4/23/2023 which gives the team 5 weeks of unassigned sprints ending at 5/21/2023.
- Based on Thanksgiving break, we will have a sprint during spring break but can become an unassigned sprint if wanted by the team.

Acceptable Levels of Risk

- We can be behind schedule on 4 app features and allow them to have a week extension.
- We can have at least 1 person gone per sprint and still be able to finish on time if the team still follows a 40 hour sprint capacity.

References

Kukhnavets, Paolo. "Gantt Chart vs. Roadmap: What Is the Difference?" Gantt Chart GanttPRO Blog, 26 Oct. 2022,https://blog.ganttpro.com/en/gantt-chart-vs-roadmap/#:~:text=Many%20think%20that%20a%20project,your%20project%20goals%20and%20vision.