Spring 2022

Phases and Sprints

	Sprint 12 (1/24/22-2/2/22)	Sprint 13 (2/7/22-2/19/22)	Sprint 14 (2/21/22-3/5/22)	Sprint 15 (3/7/22-3/19/22)	Sprint 16 (3/21/22-4/2/22)	Sprint 17 (4/4/22-4/16/22)	Sprint 18 (4/18/22-4/30/22)	Sprint 19 (4/22/22-5/11/22)

Expected Low Work Times

Spring Break 3/28/22-4/1/22	
Finals 5/9/22-5/14/22	

Default Items	16
Deployment on Thursdays	4
Backlog Grooming (Half way and Thursdays between sprints)	3
Sprint planning -Thursdays between sprints and possibly first/last day of current/next sprint	4
Sprint retrospective-half way and/or last day of sprint	2
Client feedback/demo-Office hours days (Thursdays and Saturdays)	3

Individual 4/17-5/7

Team Code Review - Mar 6 - 19	
Final - 5/11	

Work Items

Deployment on Thursdays between sprints	4
Backlog grooming on Thursdays between sprints	2
Sprint planning -Thursdays between sprints and possibly first/last day of current/next sprint	3
Sprint retrospective-last day of sprint or Thursdays between sprints	2
Client feedback/demo-Office hours days (Mondays and Saturdays)	6 (1.5 hrs for each, with 4 in each sprint)

Member / Sprint Capacity (Hours)

Member	Sprint Capacity (Hours)
Ian	50
Ryan	40
Viet	40
Jessie	35
Pammy	40
Matthew	35

Team Capacity

	Costs	$0
	Budget	$100
	Estimates are in hours	

Week	Sprint
Max Team Capacity-120	Max Team Capacity-240
Med Team Capacity-90	Med Team Capacity-180
Min Team Capacity-60	Min Team Capacity-120
Avg Expected Team Capacity-32	Avg Expected Team Capacity-64

Member	Hours
Ian	50
Ryan	40
Viet	40
Jessie	35
Pammy	40
Matthew	35

Time/Sprint totals: 73 | 198 | 246 | 231 | 207 | 222 | 119 | 66

Initial Breakdown

Estimate / Work Items	Estimates (Hours)	Design	Implementation (Back)	Implementation (Front)	Testing (Including Test Writeup)	Documentation
Database Setup	53	30	10		10	3
Datastore Access	58	40		0	15	3
Cloud Setup	38	10	10	5	10	3
Authentication	60	15	10	15	17	3
Authorization	43	15	10	10	5	3
User Management	63	20	10	15	15	3
Archiving	15	4	4	0	4	3
Logging	15	4	4	0	4	3
Account Deletion	53	20	5	10	15	3
Logout	43	15	10	10	10	3
Registration	58	25	10	15	10	3
Account Recovery	53	20	10	10	10	3
Usage Analysis Dashboard	68	30	10	15	10	3
Creating a node	53	20	10	10	10	3
Deleting a node	43	10	15	15	10	3
Copying a node	63	20	10	10	20	3
Pasting a node	53	10	10	10	20	3
Changing parent of node	68	20	5	20	20	3
Changing contents of nodes	43	15	5	10	10	3
Setting nodes private/public	43	15	5	10	10	3
Changing tags of nodes	43	10	15	15	10	3
Rating	53	10	20	15	10	3
Searching	73	20	10	15	15	3
Filter	58	20	10	15	15	3
Final Testing/Documentation	25					
Final Deployment Setup	25					
Final Deployment	25					
Default Items	128					
Tree History	130	40	30	30	20	10
Progress Tracker	134	30	30	30	40	4
Total	**1546**					