

Product Backlog													
CSC318: Software Engineering Principles													
Discord Chess Bot													
Task ID	Task	Sprint Number	Priority	Start Date	End Date	Time Estimate	Time Spent				Status	Member Assigned	
							Sprint 1	Sprint 2	Sprint 3	Total			
1	Basic Interface Manager Prototype Proof of Concept	1	4	10/2/2019	10/16/2019	10	20	0	0	20	Complete	Dyain Crockett	Zinedin Bautista
2	Discord API Handler	1-2	3	10/12/2019	11/7/2019	25	18	7	5	30	Complete	Dyain Crockett	Zinedin Bautista
3	Chess Game Manager	1-2	3	10/12/2019	12/6/2019	40	0	20	23	43	Complete	Dyain Crockett	Zinedin Bautista
4	Flask Interface	2	1	10/28/2019	12/2/2019	20	0	15	10	25	Complete	Dyain Crockett	Zinedin Bautista
5	Enable App to Run Multithreaded	2-3	3	11/11/2019	11/24/2019	20	5	10	7	22	Complete	Dyain Crockett	Zinedin Bautista
6	Embed Generator Helper Class	2-3	3	11/14/2019	12/1/2019	20	0	10	12	22	Complete	Dyain Crockett	Zinedin Bautista
7	Add the abilit Specate and Replay Games	3	2	11/18/2019	12/10/2019	30	0	15	19	34	Complete	Dyain Crockett	Zinedin Bautista
Total:	[ - ]	[ - ]	[ - ]	[ - ]	[ - ]	165	43	77	76	196	[ - ]	[ - ]	[ - ]

Sprint 1 Backlog												
CSC318: Software Engineering Principles												
Discord Calendar Bot												
Time Spent												
Task	Priority	Start Date	End Date	Time Estimate	Week 1	Week 2	Week 3	Total	Status	Member Assigned		
Research Google Calendar and OAuth 2 API	3	9/30/2019	10/12/2019	4-5	5	5	5	15	Complete	Dyaln Crockett	Zinedin Bautista	
Research Flask Library and Create Prototype	2	10/3/19	N/A	15	8	2	2	12	Ongoing	Dyaln Crockett	Zinedin Bautista	
Create Interface Manager Object Prototype Using Multi-Threading	4	10/2/2019	10/16/2019	10	6	11	3	20	Complete	Dyaln Crockett	Zinedin Bautista	
Research and Create Discord Bot Prototype	3	10/5/2019	10/3/2019	3-4	6	0	0	6	Complete	Dyaln Crockett	Zinedin Bautista	
Create and Design SQL Database for Program Data Storage	2	10/7/2019	N/A	5-6	2	4	0	6	Ongoing	Dyaln Crockett	Zinedin Bautista	
Start Developing API Facade For Google	1	10/12/2019	N/A	20	0	0	0	0	Ongoing	Dyaln Crockett	Zinedin Bautista	
Start Developing API Facade For Discord	1	10/12/2019	10/15/2019	20	0	6	12	18	Complete	Dyaln Crockett	Zinedin Bautista	
Total Hours:	[ - ]	[ - ]	[ - ]	77-80	27	28	22	77	[ - ]	[ - ]	[ - ]	

### Sprint 2 Backlog

CSC318: Software Engineering Principles

Discord Chess Bot

	Time Spent
1. Problem Statement	10 minutes
2. Data Collection	15 minutes
3. Data Cleaning	20 minutes
4. Exploratory Data Analysis	25 minutes
5. Feature Engineering	30 minutes
6. Model Selection	35 minutes
7. Model Training	40 minutes
8. Model Evaluation	45 minutes
9. Deployment	50 minutes
10. Monitoring and Maintenance	55 minutes

Task	Priority	Start Date	End Date	Time Estimate	Week 1	Week 2	Week 3	Total	Status	Member Assigned	
Research Flask Library and Create Prototype	1	10/3/19	10/30/19	5	3	4	1	8	Finished	Dyln Crockett	Zinedin Bautista
Create and Design SQL Database for Program Data Storage	2	10/2/2019	N/A	4	3	0	0	3	Dropped	Dyln Crockett	Zinedin Bautista
Start Developing a Chess game Manager	2	10/12/2019	10/29/2019	8	3	2	4	9	Finished	Dyln Crockett	Zinedin Bautista
Finish Discord API Facade	3	10/14/2019	10/30/2019	20	4	11	8	23	Finished	Dyln Crockett	Zinedin Bautista
Start Developing Flask Facade	3	10/8/2019	10/31/2019	15	5	5	6	16	Finished	Dyln Crockett	Zinedin Bautista
Research and Impliment A Chess Engine	4	10/12/2019	10/31/2019	10	2	2	5	9	Finished	Dyln Crockett	Zinedin Bautista
Finish Flask Facade	5	10/12/2019	10/29/2019	15	1	10	7	18	Finished	Dyln Crockett	Zinedin Bautista
Link all Facades Using a Interface Manager Class	4	10/16/2019	10/28/2019	10	3	3	5	11	Finished	Dyln Crockett	Zinedin Bautista
Total Hours:	[ - ]	[ - ]	[ - ]	87	24	37	36	97	[ - ]	[ - ]	[ - ]

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