

Anti-Malware Scanning Application

Project Management

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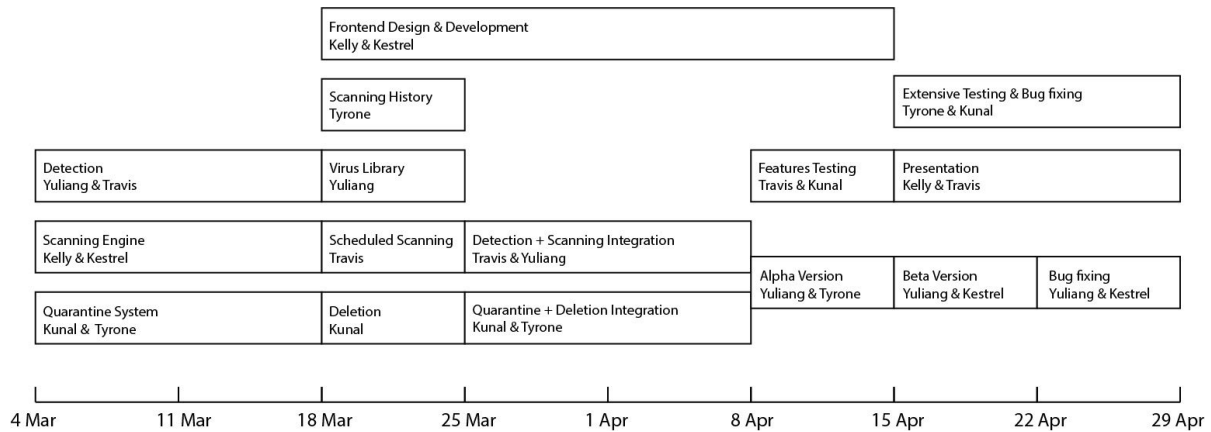


Version: 1.0

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Mission: To keep devices malware-free by allowing for users to scan their device for malware and detain them if found and have the option of deleting them.

Timeline:



Task Management:

Task Number	Task Description	Task Dependencies	Task Duration (week)	Resource required
1	Single File Detection		2	2
2	Scanning Engine		2	1
3	Virus Library	1	1	1
4	Scanning History	2	1	1
5	Scheduled Scanning	2	1	1
6	Quarantine Functionality		2	2
7	Deletion Functionality		1	1
8	Scanning System Integration	1,4,5	2	2
9	Deletion System Integration	6,7	2	2
10	Alpha Version (basic features finished)	8,9	1	2
11	GUI Design		4	2
12	GUI Integration (Beta Version)	10,11	1	2

Risk Management:

Risk	Mitigation	Level of Detriment	Likelihood
Testing malware on main computer and risking damage	Confine testing to VMs for optimal usage	High	Low
Deletion of documents that are not actually infected with a virus	Having a well managed and maintained quarantine	Medium	Medium
Deletion of necessary code or unneeded change by one member of the group	Creating and updating the code in a Git repository	Medium	Medium
Detection function unable to correctly analyze documents or continuously missing important viruses	Having an extensive and well furnished virus library.	Medium	High

Structure Design: