

Project Planning Phase

Date	22 Nov 2023
Team ID	Team - 592035
Project name	Alzheimer's Detection
Maximum marks	8

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Research and Planning	USN-1	Conduct literature review, implement and train the Xception model for Alzheimer's disease prediction	2	HIGH	Chetan G
Sprint-1	Research and Planning	USN-2	Define target demographic and risk factors	2	HIGH	Anirudh VS
Sprint-2	Development of Cognitive Tests	USN-3	Collaborate with experts to design cognitive tests, to collect and preprocess medical images for training the Xception model	2	Medium	Lavanya
Sprint-2	Development of Cognitive Tests	USN-4	Conduct initial training and tests on the datasets.	1	Medium	Gourav
Sprint-3	Integration of Technology	USN-5	Explore and select monitoring technologies.	3	High	Gourav
Sprint-3	Integration of Technology	USN-6	Develop or customize software solutions, integrate the trained Xception model into the Flask app for predictions	3	High	Chetan G
Sprint-3	Integration of Technology	USN-7	Conduct compatibility testing, submit medical images through the Flask app for Alzheimer's prediction	2	High	Anirudh VS
Sprint-4	Healthcare Provider Collaboration	USN-8	Establish partnerships with healthcare providers	2	Medium	Chetan G
Sprint-4	Healthcare Provider Collaboration	USN-9	Conduct training sessions , collect and preprocess medical images for training the Xception model	2	Low	Gourav
Sprint-4	Healthcare Provider Collaboration	USN-10	Implement the detection program in pilot healthcare settings	2	Medium	Lavanya

Sprint-5	Data Management and Security	USN-11	Implement a secure data management system, set up a Flask app with endpoints for model	3	High	Lavanya
Sprint-5	Data Management and Security	USN-12	Establish protocols for data security	2	High	Gourav
Sprint-5	Data Management and Security	USN-13	Conduct initial audits	2	High	Anirudh VS
Sprint-6	Evaluation and Iteration	USN-14	Conduct regular evaluations	2	Medium	Lavanya
Sprint-6	Evaluation and Iteration	USN-15	Collect feedback from stakeholders	1	Medium	Lavanya
Sprint-6	Evaluation and Iteration	USN-16	Iterate on the program based on feedback	2	Medium	Chetan G

Project Tracker, Velocity & Burndown Chart

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	4	3 days	3 nd Nov	5 th Nov	4	5 th Nov
Sprint-2	3	5 days	6 th Nov	10 th Nov	7	10 th Nov
Sprint-3	8	4 days	11 th Nov	14 th Nov	15	14 th Nov
Sprint-4	6	5 days	15 th Nov	19 th Nov	21	19 th Nov
Sprint-5	7	4 days	20 th Nov	23 nd Nov	28	23 nd Nov
Sprint-6	5	2 days	24 th Nov	26 th Nov	33	26 th Nov

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2								
Sprints	Sprint 1					Sprint 2							Sprint 3							Sprint 4							Sprint 5							Sprint 6						
> ⚡ AD-1 Research and Planning	DONE																																							
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> ⚡ AD-15 Data Management and Security																																								
> ⚡ AD-19 Evaluation and Iteration																																								