

Project schedule for N-body Simulation

No	Milestone name and description	Deadline date	Artifacts
1	Initiation	September 17, 2025	Vision
2	Requirements Analysis	October 22, 2025	SRS, GitHub repo, Task board, project schedule, presentation of software product requirements
3	Presentation	October 29, 2025	Project presentation
4	Testing algorithms and renderer	November 29, 2025	Results of different algorithms: how many time it takes to compute, how many bodies it can render
5	Parallel computations: implementing	The middle of December, 2025	Implementing computations on several CPU/GPUs
4	Risk management	The end of December, 2025	Presentation, proof of concept demonstration (program for computing the state, the renderer)
5	Analysis and design	February 26, 2026	SAD, test plan
6	MVP	March 26, 2026	MVP Demonstration MVP
7	The best version	The end of April, 2026	The best algorithm performs computations, renderer has a full user-friendly interface, using parallel computations
8	Completion of the project	May 28, 2026	Final presentation and demonstration List of project artifacts