
PROJECT 3: TIMELINE

Project Deadlines:

- Task Allocation Report and Timeline on 14th Apr '03
- Demo on 25th and 28th Apr '03
- Robot design documentation on 30st Apr '03
- Code Documentation on 30st Apr '03.
- Final Report due on 30st Apr '03.
- Presentation on 30st Apr and 2nd May '03.

Milestones:

Design	Team design meeting	Monday, 14 th Apr '03
Hardware	Prototype design	Thursday, 17 th Apr '03
	Working design	Wednesday, 23 th Apr '03
Software	Navigation functionality	Saturday, 19 th Apr '03
	Search functionality	Tuesday, 22 th Apr '03
	Code review	Wednesday, 23 th Apr '03
Testing	Prototype testing	Saturday, 19 th Mar '03
	Final testing	Sunday, 27 th Mar '03
Report and Presentation	Start compilation of report	Saturday, 26 th Apr '03
	Finish report	Wednesday, 30 th Apr '03

Important Milestone Descriptions:

Prototype design – The initial design of the robot chassis and sensor configuration.

Working design – The final design of the robot chassis and sensor configuration arrived at after testing of the prototype design.

Navigation – The ability of the robot to navigate the arena using a world model.

Search – The ability of the robot to deviate from its planned actions to react to new, sensed information.

Code Review – A review of the robot's software to ensure its quality and familiarize the hardware team with its organization.

Prototype testing – Testing of the initial design to measure its ability to perform the required tests.

Final testing – Testing of the final design to measure its ability to perform the required tests.

Fallback Plan:

All milestone estimates are conservative in nature to account for any reasonable, unforeseen problems that may arise. Also, all milestone completion dates are scheduled 2-3 days ahead of the specified deadline. This provides extra padding into the schedule, should it be required. In the event hardware and software have not completed all of their milestones, the first part of the week will be used for completing these milestones.

Group 10

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In an effort to minimize unforeseen problems, two team members have been assigned to each milestone. The primary is responsible for completing each milestone and the secondary is responsible for keeping up to date with the current state of the milestone and being ready to step in to assist if required.

