

October, 15-21 Weekly Report

1 Progress / What was done this week

- Possible concepts to be applied for the solution of the "Devices trying to extract the plan of their surroundings" project are:
 - A* Algorithm: A search algorithm that is one of the best and popular technique used in path-finding and graph traversals. This might be used to navigate the robot inside the walls.
 - Wavefront Mapping: A mapping technique that are used in robots to map-out the field they are placed in.
 - Holonomic or Non-Holonomic Motion: Holonomic motion provides the robot to move in any direction immediately. Non-Holonomic motion requires several attempts to move in any direction(like cars).
 - Bumping to objects and walls can be prevented by using sonar distance sensors.
 - Existence of an obstacle can be detected by using IR sensors.

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2 Plans / What will be done next week

- He will do that
- Other he will do that



3 Problems

- problems
- problems

