Artificial Intelligence

Mid-semester project assignments AY2019
Cheating in any form will not be tolerated, and will severely be punished if detected

I. Represent the environment of your daily commuting to BKC (the representation must be formal and suitable for computer use, e.g. a graph, decision tree, flowchart, etc.)

II. Design an intelligent agent that would navigate this environment (classify the environment and define a PEAS specification; define a knowledge base for agent behavior and document it with diagrams or charts, tables, etc.)

III. Prototype the agent to demonstrate that it can navigate the environment of your daily commuting.

Note:
Upon the completion of the assignments, a report should be prepared in the form of a poster (printed, A3 -sized). Together with the report, a working prototype (run on the student's computer) should be demonstrated to the instructor.