


Acceptance Criteria

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This acceptance criteria document is done to guide the creation of test cases for our project (more-so applicable to the code deliverable, not the report). User stories are taken from [Requirements > User Stories](#)  [User Stories](#).

User Story ID	User Story	Given	When	Then
1	As a planner , I want to see my problem clearly layed out, so that I can understand the AI-generated solutions better.	Domain and AP file exist for a problem	Problem is coded up and Planimate plugin operated	Problem solution is animated clearly
2	As a planner , I want the domain constructed in such a way that it's easy to write problem files for, so that I do not need to spend a lot of energy trying to encode my problem.	Domain file exists for a problem	A test problem is written up for the domain	Problem runs successfully on few attempts and is easily interpretable
3	As a developer , I want domain and AP files which have been constructed in a way that is easy to interpret, so that I know where to introduce new elements or modify existing ones.	Domain and AP files exist	Modifications / additions are needed	They can easily and modularly be added in
4	As a developer , I want comments within my domain and AP files in addition to external documentation, so that I don't need to do much interpretative work.	Domain and AP files exist	A new domain/AP is viewed for the first time	Easily understandable and intuitive process
5	As a reader , I want to read clearly-worded and well structured text, so that I can follow the narrative of the report easily and I don't feel like my time is being wasted on it.	Reading report	General reading / analysis text	Paragraphs and text is concise and doesn't waffle about confusing details
6	As a reader , I want to see a variety of diagrams and code examples, so that I can understand this inherently visual domain in a number of framings	Reading report	Reading about domains / animations	Images in the form of diagrams and code concisely demonstrate visual nature of discussion
7	As a power-planner , I want to automate the frustrating parts of PDDL programming so that I can focus on the high-level details of my project, rather than the unintuitive and laborious low-level representation.	Domain and macro exist	New problem in domain is needed to be created	Macro can easily be used to generate the laborious parts of the problem
8	As a power-planner , I want my toolkit to be quick and easy to use, so that I don't need to wrangle complex new tools and distract from solving the actual problem	Domain and macro exist	Problem element needs to be created	Use is simple and quick with little fine tuning

9	As a power-planner , I want my toolkit to be useful in a way that is wide-reaching and not specific to any particular grid problem, so that I can keep on applying the same tools in different contexts.	Multiple domains exist, and macro exists	Multiple domains have similar overlapping features	Macro quickly and non specifically generates elements for the different domains
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