

Checkpoint 1: Automated Garage Preliminary Design Review

Prepare a presentation for your teacher that explains:

1. Your research about the purpose and functions of an automated garage
2. Your flowcharts and/or pseudocode that will be used to create the Proof of Concept prototype
3. Your sketches that illustrate your Proof of Concept prototype

Tip: You can only receive points for what is in the presentation. Make sure that you talk about everything that your team did and show it, or it will not be counted.

Time Limit: 5 minutes + 5 minutes for questions

Ideation Phase Checkpoint Rubric		
Criterion	Description	Yes/No
Brainstorming Ideas		
Idea Generation	The team considered multiple ideas.	
Solution Selection	The team chose ideas for a prototype using sound criteria.	
Proof of Concept sketch, flowchart and pseudocode (as presented)		
Correctness	Design satisfies all of the necessary criteria.	x2 (worth 2 pts.)
Reasoning	There is a clear explanation of why this design works.	
Repeatability	There is a clear explanation of why this design can be used multiple times.	
Presentation Quality		
Structure	Points are in a logical order and flow smoothly.	
Slides & Visuals	Points are well-supported by the sketch or other visuals.	
Delivery	Presenters appear to know what they are talking about (not just reading slides/cards) and stay within the time limit.	
Group Work		
All members know content	All team members demonstrate an understanding of the content during the presentation or Q&A.	
Total		/10