

For Team 80

Category	Reviewers Comments	Actions taken
Build	I was able to get the project working but I had to refer to both sets of instructions and piece together some uncertainties. Consider condensing the “how to” and “steps to build the program” sections in your readme. Also, when referring to panels in the application like the “right panel” be aware that a user may have their windows set up in different locations.	
Legibility	Not all too much in the way of comments but the code is structured well and functions are kept to a small, digestible size. Good job compartmentalizing the code into different files too.	
Implementation	Your code generates random features based on constraints and that sounds like exactly what your client needs. I would have no way of knowing what this project is for or how to use it if not for the explanation you gave during the review. Consider adding a help dialogue inside the solidwork module itself or maybe tie into the help documentation that is available to the global solidworks application and give an explanation + use cases there.	
Maintainability	Again, the compartmentalized file structure is really well done. It looks like it would be straightforward to build off of different aspects of this program like the UI frontend or UI backend or python math. I would consider shipping this code with the necessary Solidworks files already included, incase those are updated in the future and break compatability. There might be legal problems with that approach so be careful!	
Requirements Document	This document feels a bit too general, there are lots of details left out like usability considerations, software version requirements and system lifecycle. The gantt chart is a good inclusion however it reads that most of	

	your tasks are 0% complete.	
Other	<p>The index out of range error that pops up when adding a constraint is not helpful for the user to understand where they went wrong. I didn't know that the project only worked with one of the two types of files so making that detail clear in the README and the error message itself would be helpful.</p> <p>You talked about changing the success messages to showing a symbol other than the yellow exclamation mark and I think that would be a good usability change to resolve. Impressive project overall though!</p>	