

UCF Senior Design-1 Canvas

1) Senior Design Why, Hopes, Fears
Why are we doing senior design?
 To Graduate and learn the process of doing actual engineering work
 By creating something that works as it is expected to, I will graduate and it could be put on my resume and give me a story to tell in job interviews

What are our hopes?
 That the design works and that I graduate, I have something to put on my resume, and my team can communicate well together to complete the project

What are our fears?
 That the design doesn't work, and bad communication with team

5) True Problem Statement
What is the problem we are trying to solve?
 Create a self playing guitar

6) 100 Ideas
What are our ideas to solve the problem?

2) Lessons Learned
To be successful, what should we do? **To be successful, what shouldn't we do?**

Set reasonable deadlines separate from the deadlines of deliverables
 Communicate and help other team members on the project
 Make progress on project regularly

Wait until the last minute to finish deliverables
 Not communicate
 Don't have meetings

8) Project Scope					
	Deliverables				
	Divide and conquer 1.0	Divide and conquer 2.0			
Customer	SD advisor	SD advisor			
Due Date/ Milestone	Sep 16	Sep 30			
Technical Requirements					
Tasks to Complete					

9) Project Risks	
What are the risks?	What are the steps to mitigate the risk?
Deliverables not completed on time	Make sure to have regular meetings with team to make sure that Deliverable is completed on time
Parts are out of stock	Order parts well in advance of assembling the project
Parts are defective / wont work with device	Parts might have had spares when purchased
Team member under performing / not showing up to meetings	Talk to them to find out why and how it can be fixed

3) Team Values

What are our team values?

- Teamwork
- Communication
- Productivity

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4) Behaviors	
What are the positive impact behaviors to do?	What are the negative impact behaviors to avoid?
<ul style="list-style-type: none"> • Help other team members • Communicate Regularly • Have regular meetings 	<ul style="list-style-type: none"> • Not doing work • Expecting other team members to do the work for you • Not communicating

7) Potential Solution

What idea do we select to solve the problem?

Why is this the selected solution?

10) Team Members				
Who is each team member?	What are their strengths?	What are their weaknesses	What are their constraints?	What are their expected contributions?
Blake Canoe				
Jonathan Catala				
Ethan Partidas				
Kyle Walker				
Pedro Contipelli				

11) Routine Meetings		
When will we routinely meet?	What is the agenda?	What do we need to bring with us?
Fridays		