

Component Selection Fall 25

The respondent's email (**kwnicho@asu.edu**) was recorded on submission of this form.

Student Name *

Dropdown

Smith, Isaac



Home Page, Navigation, Template, Formatting, Grammar *

Yes

No

Not Applicable

Updated home page



Includes Links to Team
datasheets



All Template Pages are
gone



Easy to navigate



No Spelling / Grammar
Issues



Overall Flow, Organization, Formatting *

- ☐ Not Present
- ☐ Does Not Meet Expectations
- ☐ Below Expectations
- ☐ Meets Expectations
- ☒ Above Expectations
- ☐ Exceeds Expectations

Comments/Notes

Still have template parts in the appendix.

Component Selection *

| | Yes | No | N/A |
|---|----------------------------------|----------------------------------|-----------------------|
| Updated Component Selection | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| All Major components covers | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |
| Each Component has at least three options | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Fully explain your decision-making process and how your selected components meet your product requirements. | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Updated MCC Configuration (PIC) with all the microcontroller's subsystems and pins used. | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |
| Added Power Budget | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Power Budget-Section A has ALL major components w/ maximum current. | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |
| Power Budget-Section B has ALL major components assigned to ONE Power Rail. | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |
| Power Budget-Section C has a specific voltage regulator for each power rail. | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Power Budget-Section D has a specific external power source. | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |

Power Budget-Section E
has the calculated
battery life (if using a
battery).



Updated Component Selection *



Not Present



Does Not Meet Expectations



Below Expectations



Meets Expectations



Above Expectations



Exceeds Expectations

Comments/Notes

- Missing the power regulator and including a minor component of a potentiometer.
- It would be easier to navigate if component images were sized down
- Missing the PIC controller from the Major Components in the Power budget
- Items in the Block Diagram do not match the same voltage level in the Power budget
- Not all the blocks in the Power are complete

This form was created inside of Arizona State University.

Google Forms