Write your name below and indicate your role,

Project Manager (PM), Communications Specialist (CS), Strategic Analyist (SA), Recorder (R)

Name _____ Role _____

Name _____ Role _____

Name _____ Role _____

Name _____ Role _____

Personal Innovations

Your Tasks (Mark these off as you go)

- ☐ Share something you are good at
- ☐ Group up and share out
- ☐ Brainstorm technological innovations
- ☐ Have Ms. Pluska check off Brainstrom technological innovations
- ☐ Nominate an idea
- ☐ Have Ms. Pluska check off Nominate an idea
- ☐ Rapid prototype your idea
- ☐ Receive credit for the group portion of this lab

☐ Share something you are good at

Consider the following prompt:

"What's something that you know a lot about, somthing you are good at, or something that you could teach somebody?"
- This doesn't have to be a subject in school. It can be anything… movies, running, juggling, guitar, drawing, or video games for example.
- As a person, as an individual who is living and breathing in this world, there is something that you probably know a lot about - maybe you feel like you know more about than most people. What is that thing?
- Write your name on the back of a sticky note
- On the front of the sticky note, write "your thing"
- Stick the sticky note to the white board
- Have each person in the group indicate their and their thing below.

Name	Thing

☐ **Group up and share out**

You have been assigned to a group that represents a diverse set of interests. Within your group,

- Introduce yourself
- Explain the thing you know a lot about
- Teach your group something about it, or tell the group something interesting about it
- Have each person in the group indicate their name and their thing below.

Name	Thing

☐ **Brainstorm technological innovations**

People seem to say that technology is all around us, that it affects everything we do. Is that true? Technological innovation is about recognizing a problem that needs to be solved, or recognizing something needs improving and then building a tool to solve it.

Go around the group, and for each individual's area of interest:

- Identify some way that technology is used with, or affects that thing
- Make a suggestion for either:

    - a way that technology might be improved to make it better, faster, easier to use
    - a creative or innovative new technology might help solve some problem within that area, or at least make better?

Thing	How is technology used with or affects the thing	How might technology be used to improve or solve a problem with the thing

☐ Have Ms. Pluska check off brainstorm technological innovations

Before you continue have Ms. Pluska check off brainstrom technological innovations

Do not continue until you have Ms. Pluska's (or her designated TA's) signature _____

☐ Nominate an idea

As a group you have just brainstormed about technology ideas. Now, come together and get excited about one of them.

As a group, nominate the idea you've discussed that you think would be the most interesting to everyone else in the class. Complete the questions below.

Innovation:	
What does the innovation enable you to do?	
What is the task you want to improve?	
How do people currently do the task that you are wanting to improve?	
What is a problem or issue with the way this task is done and how does your innovation solve or make it better?	
What new problems are created by your innovation?	

☐ Have Ms. Pluska check off Nominate an idea

Before you continue have Ms. Pluska check off Nominate an idea

Do not continue until you have Ms. Pluska's (or her designated TA's) signature _____

☐ Prototype your idea

Start to sketch out that idea in. Make a visual representation of your idea. As you create your visual representation, keep in mind the following,

- The name of your innovation
- How your visual representation conveys your idea
- What is the most important thing your innovation enables you to do?
- How do people currently perform the identified task?
- What is a problem or issue with the way this task is done and how does your innovation solve or make it better?
- What new problems are created by your innovation?

Feel free to jot down ideas or sketches in the space below:

Brainstorming and notes

☐ Receive Credit for the group portion of this lab

Make sure indicate the names of all group members, then submit this lab to the needs to be graded folder to receive credit for the group portion of this lab.

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