

Sprint!

“If you try and lose then it isn't your fault. But if you don't try and we lose, then it's *all* your fault.”
— Orson Scott Card, *Ender's Game*



Stand-Up... then Sprint!

- Before we can get started, we need to:
 - choose a single idea for our product
 - break it down into individual steps or tasks
 - set up our backlog to keep track of the work
 - choose roles for the first sprint
 - have our initial stand-up meeting

Stand-Up - Change Places!

The person who was Coordinator in the last sprint should pass their lanyard to the person who was Technical Lead. They are now the new Coordinator! (Or whoever volunteers to be Coordinator first!)

1. Ask the Fabrication Lead:

- What did you get done in the last sprint? How far along did you get with the backlog?
- What tickets do you need to focus on in this sprint?
- Are there any impediments in your way, or any things you found difficult that the new Fabrication Lead needs to know about?
- Have the old Fabrication Lead hand over their lanyard to the person who was Coordinator during the last sprint.

2. Repeat with Research and Technical Leads - don't forget to pass on your lanyards!

Stand-Up - Project Snapshot

Decide on what the Technical and Fabrication Leads need to focus on during this sprint, and on how your workforce and resources need to be allocated.

Think about the following questions:

- ☐ What is your target at the end of this sprint? What stage should your product be at by then?
- ☐ Are you on track to finish your product, working at you current rate?
- ☐ Do you need to adjust the plan or change the design to make it simpler? How will you do that?
- ☐ What is the most important thing for the Technical Lead to get finished by the end of this sprint?
- ☐ What is the most important thing for the Fabrication Lead to get finished by the end of this sprint?
- ☐ What are the Research Lead and the Coordinator working on during this sprint?
 - Does anyone need extra help getting jobs done? Who will assist them?
 - You should never find yourself with nothing to do in a sprint! If you do, grab a ticket from the Kanban board and start helping!

Sprint!

- Now is the time to get working - you should know what you need to do, so get on with it!
- **Remember:** always move your backlog tickets to 'Doing' on your Kanban board when you begin the job - this will show everyone else in the team what they should be getting on with, and avoid doubling your effort!
- **Everyone** should be doing something -if you find yourself at a loose end, grab a ticket or offer some support!

Final Stand-Up - Change Places!

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Final Stand-Up - Plan the Pitch

Everyone will give a 2-minute presentation to demonstrate your inventions at the end of the day.
Everyone on your team must have a role in the presentation, and must say **something**.

Your presentation should cover:

1. Who is your social action beneficiary? What do they do?
2. What is the name of your product?
3. What problem does your product solve?
4. How does it work? How does the code work?
5. What did you use to make it?
6. How did you go about building it? Did you have any special considerations?
7. What problems did you face, or what unexpected things happened while you were developing your product? How did you overcome these? Did you have to change the plan at all?
8. How would you improve your product further if you had more time or resources?
9. Demonstrate how your product works to the group!

Start working on this **now: you have until the end of this sprint to be ready!**

Final Sprint!

- Now is the time to get working - you should know what you need to do, so get on with it! **This is the last chance you have to get it done!**
- **Remember:** someone needs to be working on the Presentation at all times - you don't have long to get it finished **and** you have to finish your product!
- **Everyone** should be doing something -if you find yourself at a loose end, grab a ticket or offer some support!