Team Technical Lead

**Goal is to work on and reflect on your skills to**

* Communicate effectively in a variety of professional contexts within a team, doing oral or written presentations, and creating technical documents.
* Function effectively as a member/leader of a team engaged in scrums while participating in different roles

**Points:** 20  **(see rubric in canvas)**

**Deliverables:** Upload this document as pdf or word and include the location to the documentation for this GE sprint.

**Due Date:** See canvas.

[Technical Lead Overview](#_heading=h.p2yw7ekhjzwh)

[Before you start the GE Sprint](#_heading=h.85n18x937v1r)

[After the GE Sprint](#_heading=h.vs9ws059r6au)

# Technical Lead

**Expectations as Tech Lead**

* Review and start the GE within a day or two of it being assigned so you can be the technical lead.
* Lead team in developing technical documentation for that week where all team members contribute by adding information.
* Lead collaboration efforts to troubleshoot technical issues. This doesn’t mean you are responsible for solving all the technical issues..
* Communicates through team discord. More communications doesn’t mean more beneficial. Be concise.

**As a team member you should**

* Update the planning board for your tasks
* Participate in team scrum synchronous meetings and asynchronous check ins

**You are not**

* Responsible for getting each person to complete the work for the technical document.
* Expected to be available to communicate immediately when someone posts a question in the team discord. You should have agreed on how often you will check.

## Before you start the GE Sprint

|  |
| --- |
| Read [5 Reasons Why You Need Good Developer Documentation](https://www.archbee.com/blog/developer-documentation-importance)  Summarize in a paragraph how developer documentation can be useful for a development team.  There are several advantages to for developer to document not only what they did but why. One majpr reason is start up time for new team members. If documentation is good, a new persons start up will be drastically lower. Also their frustrations about on boarding will decrease leading to higher long term morale. Documentation also makes developers more productive as they less time researching the same thing someone else already did. This will also provide a “company stamped” information train that any engineer can view. |
| Read [How to Organize and Structure Technical Documentation for your Team - CodeNewbie Community 🌱](https://community.codenewbie.org/mikazukiaugus/how-to-organize-and-structure-technical-documentation-for-your-team-lmc)  How will your team approach organizing and structuring the technical documentation?  We will be using the Wiki portion on our github. This is to keep everything for this class in one space. This also allows for the natural integration of formatting that is relevant to developers. Since this is on the github, if someone wants to use google docs instead, all they need to do is link the doc within a wiki page. This will allow for a flexible documentation flow that can work with any preference. I have feeling this feature will be more used as GitHub typescript has a learning curve and most people know how to use google docs. |
| What is your responsibility to contribute to the team documentation?  Lead the team in making the technical documentation itself. This entails several tasks which I’ve identified. The first is making sure team members know the format we are using for documentation and how to use it. Another task is assigning documentation to team members. This does not mean making sure they do it, but just making sure it’s on their plate. |

## After the GE Sprint

|  |
| --- |
| Link to team technical documentation:  Make sure each team member’s name is included for the part of the documentation they contributed. |
| Summarize in a paragraph your experience being the tech lead. |
| Share 2 of your strengths in this role and one growth area. |
| Share lessons learned that might help the next tech lead. |
| List each team member and one strength they brought to the team. |
| If you have any concerns about your team please share. |