**1.) Introduce and describe the project management tool in a paragraph. What does it look like? Discuss the design Describe it. Give an overview or summary.**

GitHub is a web-based code hosting platform for project collaboration and version control for developers and project managers alike (Per GitHub). What GitHub does for project management is that it allows for project managers and developers to; coordinate, track and update there work in a centralized hub for project transparency and remaining on schedule (1). This also allows for an increase in the ease of communication between project managers, whether not technical or technical, and developers with the use of external resources such as email in a clear way. GitHub is an open source project started by the Linux operating system creator Linus Torvalds (2). While GitHub was started by Torvalds, the development of the GitHub Platform as we know today began development October 2007 and was launched out of beta in April 2008 by Tom Preston-Werner, Chris Wanstrath, and PJ Hyett as not only a technical development platform, but instead as a development platform for projects of any kind with any file type that is capable of creating branching repositories used by a large majority of tech development projects, even by large tech companies such as Google, Facebook, Twitter and Microsoft (3).give that this is at heart a technical development tool, the user interface is simplistic and clean but given the popularity of the tool and the growing use of the tool by non-technical projects, GitHub’s project management user interface is sleek, easy to read, easy to use, and flows CRAP design principles without being too busy in appearance.

**3.) Define the term project management tool. What is a project management tool? What is a definition for your specific project management tool? Each project management tool will be defined on the website. Have an extended definition of your chosen item. Use at least two of the extended definition strategies, as well as a formal or categorical overview definition, Give a brief definition.  Ex. Project management tool Ex. What is a project management tool? What is project management?  Define your project management tool Ex. What is Trello?  What is Freedcamp? Define key terms in a paragraph. What is a card, list, project, a list, a task, a milestone, a wiki? And so forth?**

Project Management (as defined by PMI.org), is the application of knowledge, skills, tools, and techniques to project activities to meet project requirements. A project (per PMI.org) is a temporary and unique endeavor; temporary as it has a defined beginning, end, scope and resources and unique in that is not a routine operation, but a specially designed operations to accomplish a singular specified goals and objectives. In order to achieve a full understanding of project management and GitHub as a project management tool, some additional terms must be defined; scope, resource, repository, branch, card, list, task, milestone, and a wiki (5,6).

Scope: Scope is a defined boundaries of the project, what the project will deliver and not deliver.

Task: A task is defined as a single unit of work with is an action or activity associated with a project that must be completed in a specified timeframe or by a deadline.

Resource: Resources are the inputs required to carry out and complete project tasks and can be a wide range of commodities such as; people, equipment, facilities, funding, etc.

Repository: A centralized location in which project data and files are stored and managed by management and the development team.

Branch: A way to work on two different versions of a repository at the same time.

Card: A drag-and-droppable snapshot of the work contributed by a team in a repository

List: A list is the ordered steps or tasks needed to take towards the completion of project.

Milestone: A milestone indicates specific progress points or events in project timelines and mark progress needed to complete projects successfully.

Wiki: A wiki is a website or repository section that allows for the collaborative editing of its contents and structure by its users.

**4.) State technical requirements. Ex. Internet & Computer & Access to Electronic Devices**

Minimum System Requirements:

* Intel Core 2 Duo processor 1.6 GHz or better
* At least 1GB RAM for Windows/Mac OS X
* At least 512MB RAM for Linux
* Windows Version: Vista or later
* OS X Version: Snow Leopard 10.6.3 or later
* Linux Version: Ubuntu, Debian, Fedora, CentOS or SuSE Linux

**8.) What is your purpose? Ex. Inform, Entertain, and/or Persuade. What is your purpose in describing this product?**

**11.) Outside sources should be researched. Use footnotes and endnotes or journalistic citations and a works cited or a reference page. Journalistic citations mean you must state the author or title and the year. Use footnotes and endnotes.  Document all pictures. For citations use footnotes or use a journalistic citation**

(1) <https://github.com/features/project-management/>

(2) <https://techcrunch.com/2012/07/14/what-exactly-is-github-anyway/>

(3) <https://medium.com/@smhatre59/the-untold-story-of-github-132840f72f56>

(4) <https://www.pmi.org/about/learn-about-pmi/what-is-project-management>

(5) <https://www.smartsheet.com/complete-glossary-project-management-terminology>

(6) <https://www.dictionary.com/browse/wiki?s=t>