SUNSTONE

E-COMMERCE

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Task - 1

E-commerc

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This Software Requirements Specification (SRS) document is a comprehensive overview of the

requirements for an ecommerce website. It defines the functional and non-functional requirements, as well as user expectations, for the website. The document also provides a detailed description

of the website structure, its features, and user interaction. Additionally, the SRS outlines the

performance goals of the website, as well as the development cycle from start to finish.

This SRS should provide an effective guide for development of the website and its features.

Task - 1

Creation of SRS & Github

- Create SRS : "Your Project"
- Creation & Set-up of Github account
- Creation & Hands-on to various commands of Git Bash

Evaluation Metric:

- 100% Completion of the above tasks

Learning Outcome

- Get to know about different lifecycle models.
- Understanding importance and how to create an SRS
- Knowing various commands of Github
- Understanding agile and scrum management techniques for efficient product development

Step-Wise Description

Step 1: Plan the Website: Before creating an e-commerce website for farmers, you need to plan the website by understanding the target audience, the purpose of the website, the products that will be sold, and other essential details.

Step 2: Choose the Right Platform: Once the plan is ready, you need to select the right platform for the e-commerce website. There are several e-commerce platforms available in the market such as Shopify, Magento, WooCommerce, etc.

Step 3: Design the Website: After selecting the platform for the website, you need to design the website. This includes creating a logo, choosing a template, and making the design user-friendly.

Step 4: Add Necessary Features: You need to add the necessary features to the website such as payment gateways, shipping options, tracking feature, product search, etc.

Step 5: Test the Website: Once the website is ready, you need to test the website to ensure that it is working properly and there are no bugs or errors.

Step 6: Launch the Website: After testing the website, you can launch the website. You can promote the website through social media, email marketing, and other means.

SUMMARY OF YOUR TASK:

Farmer ecommerce websites are websites that allow farmers to buy and sell goods online. These websites provide farmers with an easy and convenient way to access the products and services they need to run their business. These websites can offer a wide range of products, from farm equipment to livestock feed and more. Farmers can also use these websites to connect with other farmers, share resources, and find buyers for their products. These websites can help farmers expand their business and increase their profits.
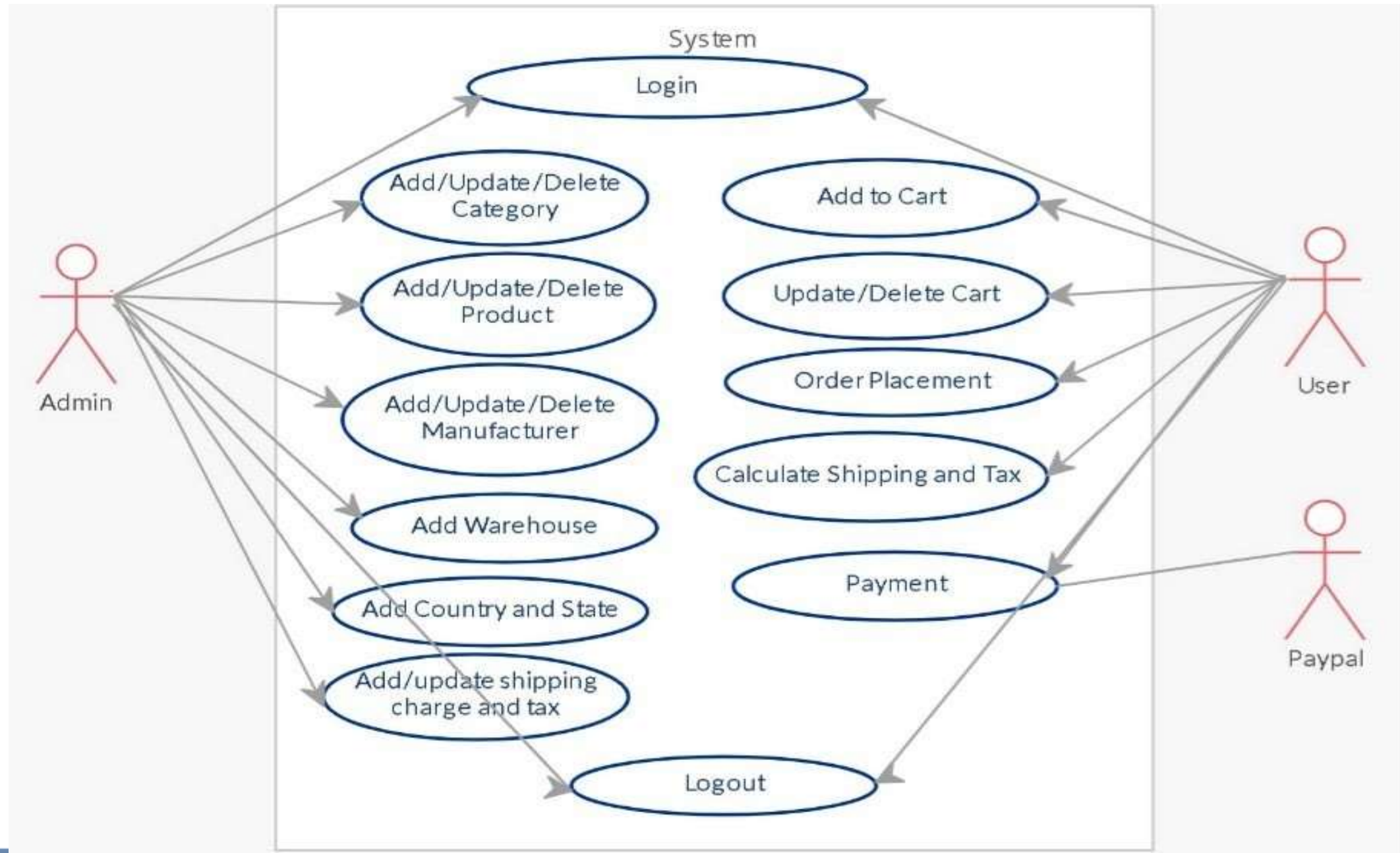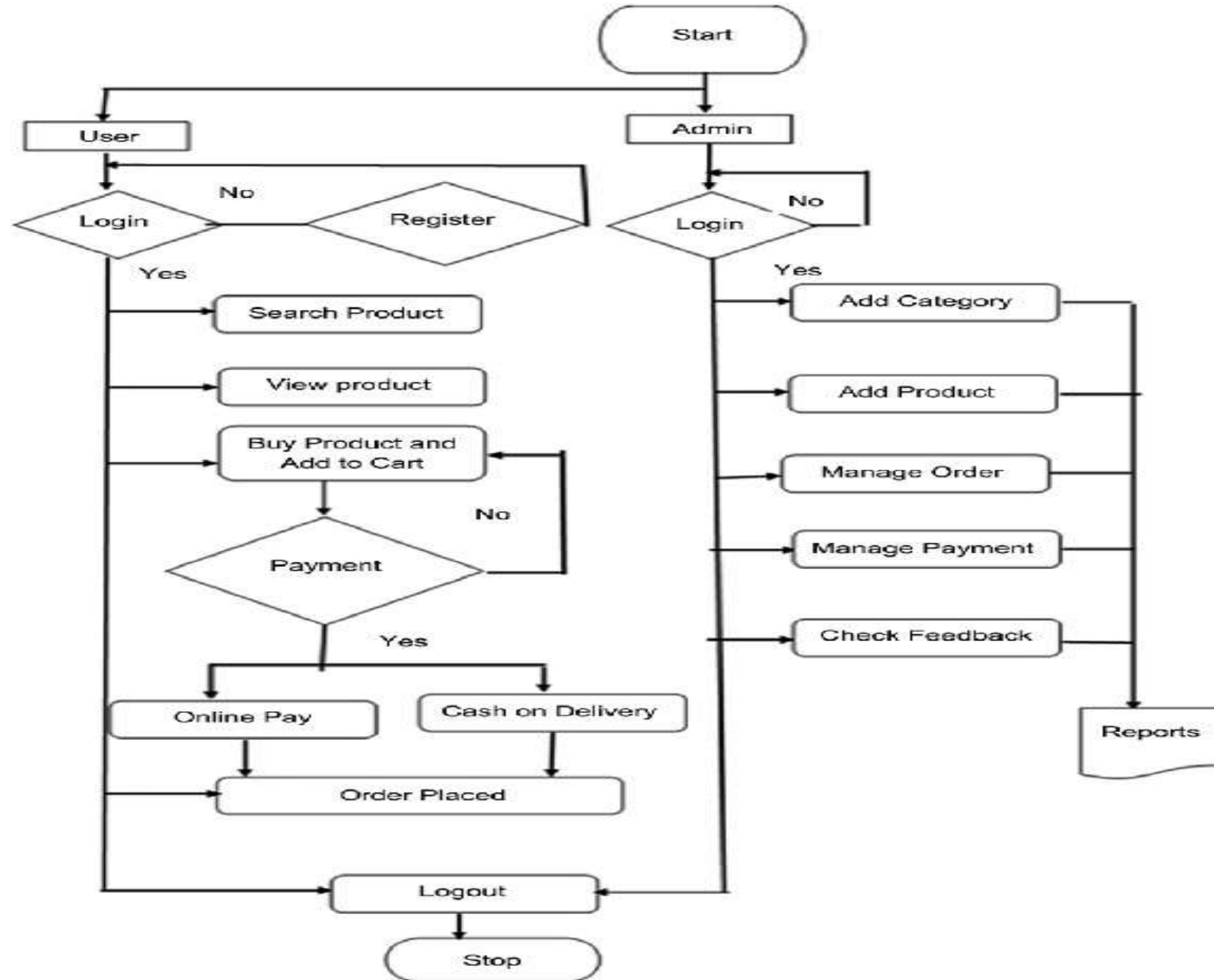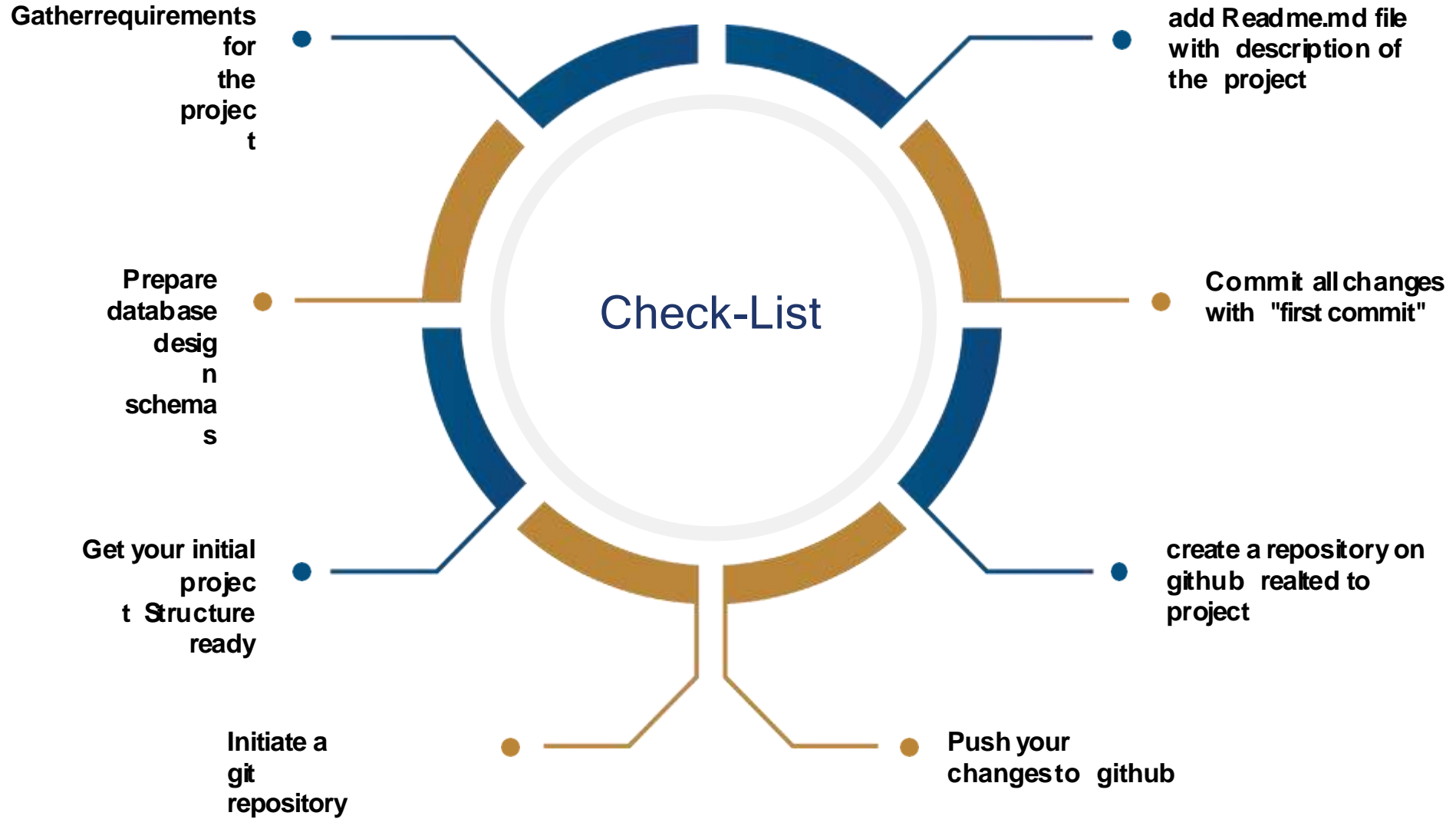
FUNCTIONAL REQUIREMENTS:

1.**User Authentication: The system should support user authentication and authorization to ensure secure access to the system.**

2.**Shopping Cart: The system should allow customers to add, delete and modify items in their shopping cart.**

3.**Payment Gateway Integration: The system should provide integration with multiple payment gateways to accept payments from customers.**

4.**Product Catalog: The system should provide an extensive product catalog and search functionality for customers to browse and select items.**

5.**Order Management: The system should provide order management functionalities such as tracking, refunds, returns and cancellation of orders.**

6.**Inventory Management: The system should provide real-time inventory tracking and management capabilities.**

7.**Reports and Analytics: The system should provide reports and analytics to help merchants track and analyze sales, orders, customers and other key performance indicators.**

1. Performance: The e-commerce website should be able to process requests quickly with minimal latency.

2. Security: The e-commerce website should be capable of protecting user data and sensitive information.

3. Scalability: The e-commerce website should be able to handle sudden spikes in traffic and usage.

4. Availability: The e-commerce website should be available 24/7, with no downtime due to maintenance.

5. Reliability: The e-commerce website should be able to handle errors and unexpected conditions without crashing.

6. Usability: The e-commerce website should be user-friendly and intuitive to use.

7. Maintainability: The e-commerce website should be easy to modify and maintain.

8. Testability: The e-commerce website should be easy to test for bugs and other issues.

Assessment Parameter

Gather requirements for the project

add Readme.md file with description of the project

Prepare database design schemas

Commit all changes with "first commit"

Get your initial project Structure ready

create a repository on github realted to project

Initiate a git repository

Push your changes to github

Check-List

Submission Github

https://github.com/DonavalliShan
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