Let's break down the tasks for the "Digital Plant Identification" project:

**Task 1:** Creating a GIT Repository and Setting up Folders

\* Repository Creation:

\* Go to your Git platform (GitHub, GitLab, Bitbucket, etc.).

\* Click "New Repository".

\* Name the repository with your enrollment number (as shown in the image instructions). For example, if your enrollment number is "DPI456", the repository would be named "DPI456".

\* Choose visibility (Public or Private).

\* Click "Create Repository".

\* Folder Creation:

\* Option 1 (Local Clone):

\* Clone the repository to your computer using the git clone [repository URL] command.

\* Create two folders inside the cloned repository directory: "Assignment\_1" and "Assignment\_2".

\* Option 2 (Platform Interface):

\* Go to your repository on the Git platform's website.

\* Use the platform's interface (usually an "Add file" or similar option) to create the "Assignment\_1" and "Assignment\_2" folders directly within the repository.

\* Word File Creation:

\* Create a Word document.

\* Document each step you took for Task 1, similar to this example (replace with your actual actions):

\*\*Task 1: GIT Repository and Folder Setup\*\*

1. \*\*Repository Creation:\*\*

- Went to [Git Platform URL].

- Clicked "New Repository".

- Entered repository name: DPI456 (My Enrollment Number).

- Set visibility to Private.

- Clicked "Create Repository".

2. \*\*Folder Creation:\*\*

- Used Option 1 (Local Clone):

- Cloned the repo: `git clone [repository URL]`

- Created "Assignment\_1" and "Assignment\_2" folders in the local directory.

3. \*\*Word File Creation:\*\*

- Created this Word document to record the steps.

\* Assignment Upload:

\* Save the Word document as a PDF (.pdf) – this is generally preferred – or as a .docx file.

\* Place the PDF/DOCX file inside the "Assignment\_1" folder in your Git repository.

\* Repository Link Submission:

\* Copy the URL of your Git repository (from your Git platform).

\* Paste this URL into the Google Form provided for submission.

**Task 2:** Preparing a Prototype Design of a Website in Figma

Project: Digital Plant Identification: Users can upload plant photos for identification and care tips.

\* Website Screen Planning (8-10 screens minimum):

\* Homepage: Welcome message, prominent call to action ("Identify Your Plant"), brief explanation of the platform, featured plant profiles.

\* Plant Photo Upload Page: Drag-and-drop or file upload functionality for users to submit plant photos (specify supported image formats). Option to provide additional details about the plant (location, etc.).

\* Identification Processing Page: A page to display while the AI analyzes the photo. Could include a progress bar or animation.

\* Identification Results Page: Display the AI's identification results, including the most likely species match(es), confidence level, and images of similar plants.

\* Plant Profile Page: Detailed information about the identified plant species, including:

\* Common and scientific names

\* Description and characteristics

\* Care tips (watering, sunlight, soil, etc.)

\* Common problems and solutions

\* Related plant species

\* User Account (Login/Register): Account management, identification history, saved plant profiles, community forum access (optional).

\* Search Page: Allow users to search for plants by name or other criteria.

\* "About Us" Page: Information about the platform, its mission, and the AI behind it.

\* FAQ Page: Frequently asked questions about the platform and the identification process.

\* Contact Us Page: Contact information for the platform.

\* Figma Prototype Design:

\* Use Figma to create the visual design for each of the planned screens.

\* Add text, images (use placeholder images for now), icons, and other design elements.

\* Design the user flow: How will users upload photos, receive identification results, and access plant care information?

\* Pay close attention to the presentation of the identification results and plant profiles. Make the information clear, concise, and easy to understand.

\* Use Figma's prototyping features to link screens together and simulate the website's interactivity. Add interactions like clicks, transitions, and hover effects.

\* Screen Design Upload:

\* Export your Figma designs as PNG, JPEG, or PDF files. You can export individual screens or the entire prototype as one or more files.

\* Place these exported files inside the "Assignment\_1" folder in your Git repository. You can create a subfolder within "Assignment\_1" (e.g., "Figma\_Designs") to keep things organized.

Key Points:

\* Image Upload and Processing: The core functionality is image upload and processing. Design this flow to be seamless and intuitive.

\* Information Presentation: Present the identification results and plant care tips in a clear, concise, and visually appealing way.

\* User Experience: Make the process of identifying plants and learning about their care easy and enjoyable.

\* Organization: Keep your Git repository organized, especially the "Assignment\_1" folder.

\* Documentation: The Word file is essential. Clearly document every step you take.

Remember to commit your changes to the Git repository frequently and push them to the remote repository on your Git platform. This ensures you have backups of your work and allows you to submit your project.