

Case Study 12:- Project / Presentation upload and Portfolio Development.

a). Describe the step-by-step process of uploading a previous mini-project, major project, seminar report or technical presentation to GitHub, organise the repository using folders, documentation and tags, provide an illustration.

b). Explain how GitHub helps in building a technical project portfolio and gaining public recognition for academic and professional work, provide an example of how this can be beneficial in placements or research opportunities.

Title:-

uploading Projects to GitHub and Developing a Technical Portfolio

Theory Aim:-

To upload a previous mini project to GitHub with proper structure, and documentation and understand how GitHub contributes to building a professional portfolio.

Theory:

GitHub is not just for coding - it's an excellent platform for building a technical portfolio. Students & professionals can upload complete mini-projects, final year projects, report and presentation as organized repositories. These repositories showcase real world skills in coding, documentation and collaboration.

- Use Cases

- Academic submissions and research sharing
- Resume enhancement for job interviews
- Creating a live portfolio for freelancing &

- Benefits

- Increases professional visibility
- Demonstrates coding and documentation skills
- Makes your work publicly verifiable and accessible.
- Helps recruiters evaluate your project based learning.

a] Step by Step process to upload a Previous Project.

1. Create a New Repository.

2. Organize Files Locally.

- /Report / folder for your PDF or DOC report
- /code / folder for source code.
- /Presentation / folder for your PPT
- README.md to explain the project.

3. Initialize .git

git init

git add

git commit -m "Initial upload"

git remote add origin < your git hub rep URI >

git push -u origin main

4. Use Tags to mark versions like v1.0 v1.1.

5. Add Description & Topics for better discoverability

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b) How GitHub Helps in Portfolio Building

- Publicly display technical skills and coding style
- Helps in academic assessments, and placements
- Recruiters can evaluate real projects and documentation
- Enable contributors to collaborate & give feedback,

Conclusion

Uploading my past project to GitHub taught me how to showcase my work professionally. It helped me understand the importance of documentation, tags and public presentation. I now feel confident in using GitHub as a technical portfolio for future academic and industry opportunities.