REPORT

1. Creation of GitHub Account

Actions Taken:

Registered on GitHub by providing a username, email, and password.

Verified the account via email.

Enabled two-factor authentication (2FA) for added security.

Outcome: Successfully created and logged into the GitHub account.

2. Creating a Private Repository

Steps:

Created a new private repository named ASDT_1.

Set the repository visibility to private to restrict access to collaborators only.

Opted to add the README.md file manually after creation.

Outcome: Repository setup completed successfully.

3. Creating a New Branch

Actions:

Created a new branch named feature/about_me from the main branch.

Used the branch for all subsequent updates to maintain a clean codebase.

Outcome: Successfully created and prepared the branch for updates.

4. Creating and Editing README.md

Steps:

Added a new file named README.md in the feature/about_me branch.

Included personal information formatted using Markdown:

About Me:

Name:Esra Cicek

Country:Turkey

IT Interests

- Cloud Computing

- Web Development

- Data Science

Preferred Programming Languages

- Python

- JavaScript

- C#

Outcome: Personal details added and formatted successfully in the README.md file.

5. Committing and Pushing Changes

Actions Taken:

Committed changes to README.md with the message: "Add README.md with personal information."

Pushed the commit to the feature/about_me branch.

Outcome: Successfully committed and pushed changes to GitHub.

6. Creating a Pull Request

Process:

Opened a Pull Request to merge feature/about_me into the main branch.

Added the description: "Added personal information to README.md."

Outcome: Pull Request created for review.

7. Reviewing and Merging the Pull Request

Steps:

Reviewed the Pull Request to ensure no conflicts or errors.

Merged changes into the main branch.

Outcome: Pull Request successfully merged into the main branch.

8. Uploading the Report

Actions Taken:

Documented all steps in REPORT.pdf.

Uploaded the report to both the repository and the relevant Microsoft Teams task.

Outcome: Report successfully uploaded and shared.

9. Inviting a Collaborator

Steps:

Invited the collaborator Slowiczek via the repository settings.

Verified that the collaborator accepted the invitation and accessed the repository.

Outcome: Collaborator successfully added.

10. Advanced Markdown Features

Markdown Enhancements:

Task lists:

- [x] Step 1 completed

- [ ] Step 2 pending

Emojis:

:+1: Ready to merge!

Alerts:

> [!NOTE] Important note regarding the changes.

Conclusion

All steps, from creating the GitHub account to inviting the collaborator, were completed successfully. The documentation was enhanced with advanced Markdown features to improve readability and organization.