GitHub And Jenkins Link

# Setting up Github

1. Creating a Repository

A screenshot of a computer

Description automatically generated

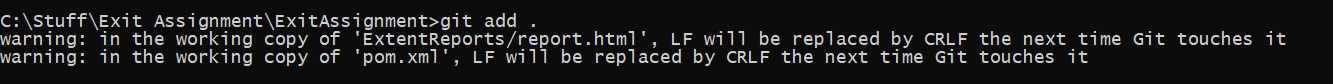
Create a public repository

1. Open git CMD in your device
2. Change path to the project.

Text

Description automatically generated

1. Initialize the git in your directory using \*git init\*.
2. Add your files to the repository using \*git add .\*.



1. Now commit the files to the git.

Graphical user interface, text

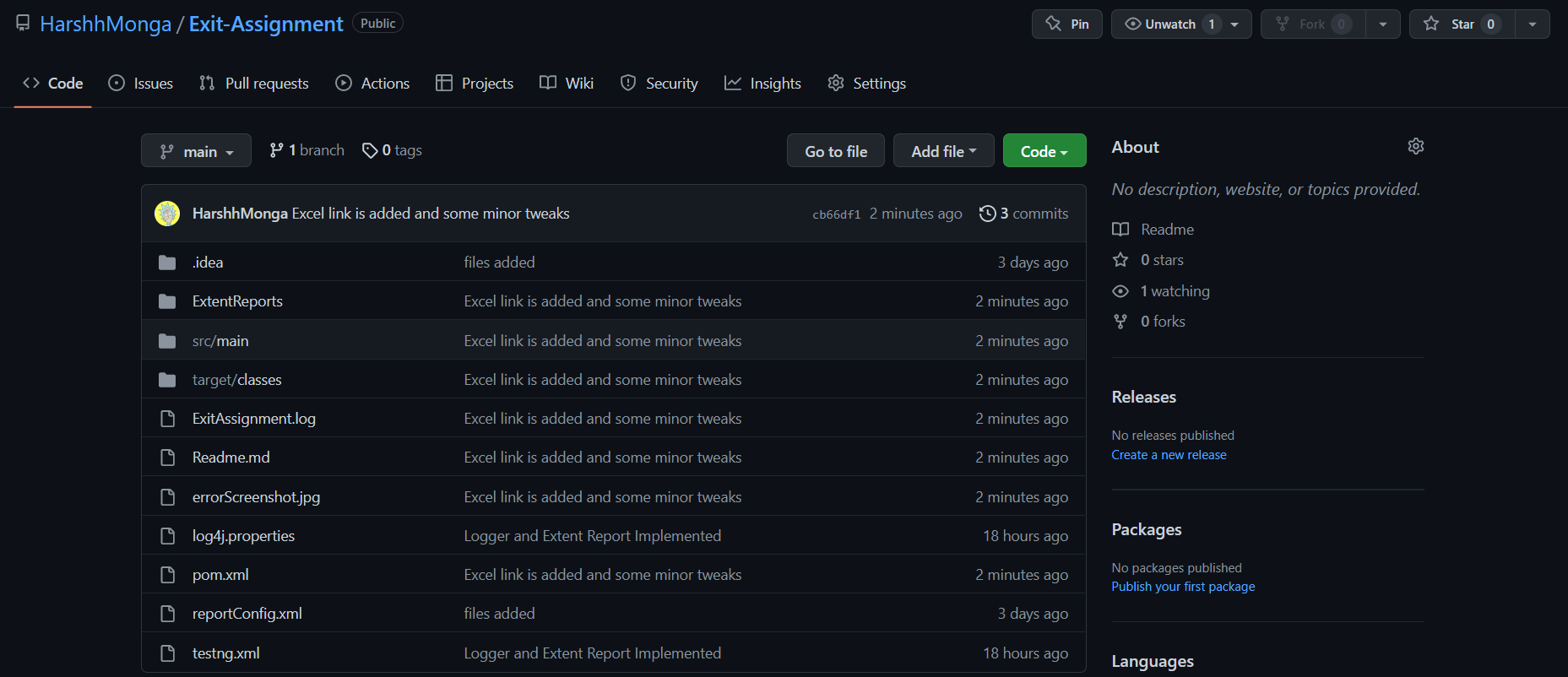
Description automatically generated

1. At last push the files to the repository.

Text

Description automatically generated

1. Your files are now deployed to your github repository.



* Setting up Jenkins

1. Goto your Jenkins webpage.

Graphical user interface, application

Description automatically generated

1. Create a new item and select github project and pass the link to you repository.

Graphical user interface, text, application, email, Teams

Description automatically generated

1. Under source code management select git and pass the repository url and mention the name of the branch you’re working on.

Graphical user interface, text, application, email

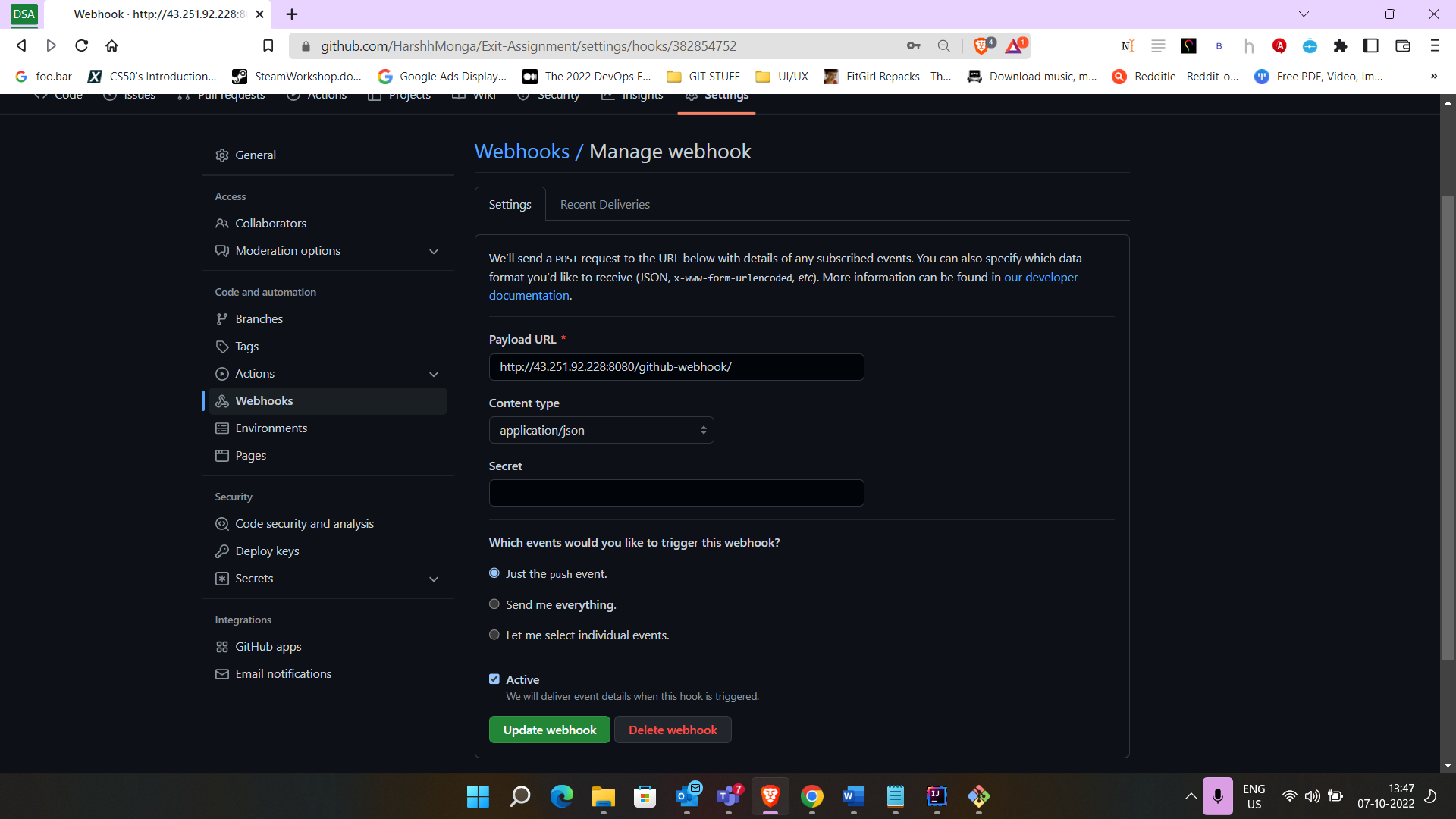
Description automatically generated

1. In build triggers select GitHub hook trigger for GITScm polling and save the project.

Graphical user interface, text, application, Teams

Description automatically generated

1. At last under the settings of your repository create a webhook and pass the url of your Jenkins under payload url and select content type as application/json and save the webhook.



1. Now your github and Jenkins are linked, and at every push event in GitHub triggers the Jenkins.