This file is to provide a basic walkthrough of what each folder/file in this repo means/stands for. To make contributions easier for you

| File Name | File Content | File Usage |
| --- | --- | --- |
| .Github |  |  |
| BCP\_Image\_Dataset | Image dataset | Should be used to train a deep learning model for image classification. |
| LOGO: | The logo image of the project. | Can be used on the website. |
| \_\_pycache\_\_ | A directory that contains bytecode cache files that are automatically generated by python | Not needed by you. |
| static/images: | Contains images on the website | If you update the color/arrangement/layout of the website, you have to update this folder too. |
| templates | Contain the HTML files of the website | Can be used to update the arrangement/format of the website. |
| .gitattributes | The .gitattributes file allows you to specify the files and path attributes that should be used by git when performing git actions | You don't need it. It just makes working with git via cmd possible |
| .gitignore | .gitignore file tells Git which files to ignore when committing your project to the GitHub repository | You don't need it but it ignores .vscode and .DS\_STORE files |
| Breast Cancer Data.csv | The CSV file of the project | Can be used to train the prediction model of this project(ML models or neural networks) |
| CODE\_OF\_CONDUCT.md | A policy lays out the company's principles, standards, and moral and ethical expectations | You need it to know how to relate with other contributor’s and the repo’s manager. |
| LICENSE | Makes the software free to use, change and distribute. | You don't need it. Copy right protection of the owner works |
| README.md | Important information about your project | Helps to understand what the project is all about. |
| app.py | The backend file of the project. | You may decide to deploy more models or optimize the website/ Hence, the need for this |
| Implementation.py | The Random Forest implementation(i.e as a function) of this notebook. | You can decide to create an implementation file of any other model. |
| random\_forest.py | Random forest training of the dataset. | You might want to improve the accuracy of the random forest model. |
| requirement.txt | System requirement for the project. | The version for each package used in the project. Helps when trying to set the project up on your PC for real-time detection. |