

## PROJECT STRUCTURE

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|---------------------|--|
| <b>Team ID</b>      | <b>PNT2022TMID52042</b>  |
| <b>Project Name</b> | <b>A Novel Method for Handwritten Digit Recognition System</b> |

Create a folder which contains files as shown below

| Name         | Date modified      | type          | Size     |
|--------------|--------------------|---------------|----------|
| __pycache__  | 11/5/2022 12:11 PM | File folder   |          |
| checkpoint   | 11/4/2022 10:51 AM | File folder   |          |
| static       | 11/4/2022 10:51 AM | File folder   |          |
| templates    | 11/4/2022 10:51 AM | File folder   |          |
| torch_serve  | 11/4/2022 10:51 AM | File folder   |          |
| app          | 10/24/2021 1:24 AM | PY File       | 4 KB     |
| app.yaml     | 10/24/2021 1:24 AM | YAML File     | 1 KB     |
| config       | 10/24/2021 1:24 AM | PY File       | 1 KB     |
| digit_demo   | 10/24/2021 1:24 AM | GIF File      | 1,228 KB |
| README.md    | 10/24/2021 1:24 AM | MD File       | 2 KB     |
| requirements | 10/24/2021 1:24 AM | Text Document | 1 KB     |
| test_app     | 10/24/2021 1:24 AM | PY File       | 1 KB     |
| train        | 10/24/2021 1:24 AM | PY File       | 11 KB    |
| utils        | 10/24/2021 1:24 AM | PY File       | 2 KB     |

- We are building a Flask Application which needs HTML pages stored in the templates folder and a python script app.py for server side scripting.
- The model is built in the notebook Hand written recognition train.py
- We need the model which is saved and the saved model in this content is MNIST.
- The static folder will contain CSS and jquery files.
- The templates mainly used here are main.html and index6.html for showcasing the UI.