Django

This is a demo work created to join PN Informatics Technology

1. **Basic requirements:**

|  |  |  |
| --- | --- | --- |
| Getting basic understanding | | ✓ |
| Cloning and starting demo project | | ✓ |
| Initiate virtual environment | | ✓ |
| Rendering UI | Admin page | ✓ |
| Test pages | ✓ |
| Creating database | | ✓ |
| Connecting to database | Writing | 🗶 |
| Reading | 🗶 |

1. **System breakdown:**
2. Creating virtual environment
3. Activate venv using -> installing Django and all needed dependencies (bootstrap, debug-toolbar,…)
4. Creating Django demo project -> initialize first app on Django (playground)
5. Setting up Playground with HTML rendering and URLs routing
6. Linking HTML with static components (CSS, JS, UI elements,…), implementing bootstrap in HTML
7. Setup a cloud Database using ElephantSQL and connect it to the project
8. Having first schema “Auth user” to store superuser account
9. Freeze “requirement.txt” (listing out all installed dependencies for ease of use)
10. Initiate GIT -> Commit and Push to Git respo
11. **UI:**

* Admin page:

Graphical user interface

Description automatically generated

cGraphical user interface, application, website

Description automatically generated

* Test pages:

Graphical user interface, application, Word

Description automatically generated

A screenshot of a video game

Description automatically generated

* Debug toolbar:

A screenshot of a computer

Description automatically generated with medium confidence

1. **Database**

* First basic schema using PostgreSQL (Auth user):

Table

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