INSTALLATION GUIDE

Student Study System

Project-II

BE Computer

SOE, Pokhara University

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Please read this documentation carefully before installing the project in your local PC.

- ➢ Step 1: **Getting Visual Studio Code (IDE)**

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1. Install the *Visual Studio Code* from this link below.
   Download Link: *https://code.visualstudio.com/download*

- ➢ Step 2: **Setting up the PYTHON and PIP**

FOR WINDOWS

1. Install latest python from *https://www.python.org/*

2. Make sure 'pip' is installed. Execute `pip  - -version` on terminal to verify this.

   If not installed, download this file get-pip.py, then you can execute `python get-pip.py` to install pip.

- ➢ Step 3: **Setting up PIPENV SHELL**

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1. Go to the folder where the project is situated.

2. Open up a Git- Bash, for Windows:

3. Type `pipenv shell` to create a pipenv shell. This creates an isolated environment for your python projects so that the project specific modules would not collide with system-wide installed python modules.

4. Make sure you are in the right directory (i.e., be in the directory where project files are residing.)

- ➢ Step 4: **Installing necessary modules**

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1. Type `pipenv install -r requirements.txt` to install all necessary modules at once.

➢ Step 5: **Run the Project**

1. To run the project, on the terminal of Visual studio code;
   Execute: python manage.py runserver

```
PS D:\6th sem\Project II\django> cd .\studentstudyportal\
PS D:\6th sem\Project II\django\studentstudyportal> python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
September 21, 2022 - 21:26:44
Django version 4.0.5, using settings 'studentstudyportal.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
```

2. A web browser will open and you can see the home page of web application on the *localhost: 8000.*
   Alternatively, CTRL+ Click on the link *http://127.0.0.1:8000/* as shown in the snippet above.

   The home page of web app looks like this.