

# Internet and Web Programming

## Project

### Diabetes Prediction System

### Review-2

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Folder Tree:

- 1. pyproject
  - 1.1. app.py
  - 1.2. models.py
  - 1.3. pyproject
    - 1.3.1. \_init\_.py
    - 1.3.2. forms.py
    - 1.3.3. models.py
    - 1.3.4. routes.py
    - 1.3.5. site.db
    - 1.3.6 static
    - 1.3.7 templates
      - 1.3.7.1. account.html
      - 1.3.7.2. diabetesinfo.html
      - 1.3.7.3. diabetesprediction.html
      - 1.3.7.4. home\_page.html
      - 1.3.7.5. layout.html
      - 1.3.7.6. login.html
      - 1.3.7.7. register.html

## Command prompt code to run flask:

```
Command Prompt - flask run
C:\Users\Admin\Desktop>cd pyproject
C:\Users\Admin\Desktop\pyproject>set FLASK_DEBUG=1
C:\Users\Admin\Desktop\pyproject>flask run
 * Environment: production
   Use a production WSGI server instead.
 * Debug mode: on
 * Restarting with stat
C:\Users\Admin\AppData\Local\Programs\Python\Python37-32\lib\site-packages\flask_sqlalchemy\__init__.py:834: PSADeprecationWarning: SQLAlchemy_TRACK_MODIFICATIONS adds significant overhead and will be disabled by default in the future. Set it to True or False to suppress this warning.
SQLALCHEMY_TRACK_MODIFICATIONS adds significant overhead and
 * Debugger is active!
 * Debugger PIN: 292-519-084
 * Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
C:\Users\Admin\AppData\Local\Programs\Python\Python37-32\lib\site-packages\flask_sqlalchemy\__init__.py:834: PSADeprecationWarning: SQLAlchemy_TRACK_MODIFICATIONS adds significant overhead and will be disabled by default in the future. Set it to True or False to suppress this warning.
SQLALCHEMY_TRACK_MODIFICATIONS adds significant overhead and
127.0.0.1 - - [18/Oct/2020 01:56:31] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [18/Oct/2020 01:56:32] "GET /favicon.ico HTTP/1.1" 404 -
127.0.0.1 - - [18/Oct/2020 01:56:41] "GET /login HTTP/1.1" 200 -
127.0.0.1 - - [18/Oct/2020 01:56:50] "POST /login HTTP/1.1" 302 -
127.0.0.1 - - [18/Oct/2020 01:56:54] "GET /diabetesinfo HTTP/1.1" 200 -
127.0.0.1 - - [18/Oct/2020 01:58:23] "POST /diabetesinfo HTTP/1.1" 302 -
127.0.0.1 - - [18/Oct/2020 01:58:24] "GET /static/images/model.png HTTP/1.1" 200 -
127.0.0.1 - - [18/Oct/2020 02:04:00] "GET /logout HTTP/1.1" 302 -
127.0.0.1 - - [18/Oct/2020 02:04:00] "GET /home HTTP/1.1" 200 -
```

## Content implemented for review 2:

- Data can be inputted and retrieved from the website as well as command prompt
- Connection to database.
- I have added some CSS also.
- Writing the machine learning code and integrating it in the website is left, along with some animations.
- Final prediction is left since I did not integrate the machine learning code.

## Video Link:

<https://drive.google.com/file/d/1iPSB6ClXvn7JgOKDL0mNGNQ60eoh8POk/view?usp=sharing>