

**Flask Project :**  
**Patching Count Generator**

**Presented by :**  
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☰ README.md



# Patching Count Generator

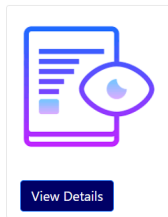
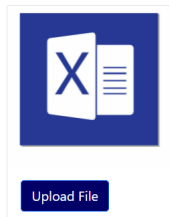
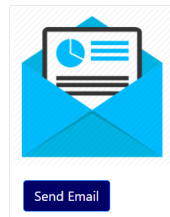
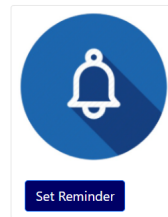
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## About the Project

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This is a patching count generator which works as follows:

- It has a login and register page to login old users and register new users.
- It takes excel file as input and generates a downloadable report of the patching count of that month along with the charts for easier understanding.
- We can set reminder of any pending tasks.
- We can also view the pending tasks. Once the task is completed it gets deleted from the database.
- We can also mail the patching count details to any employee we want.

## Built With

- HTML
- CSS
- Bootstrap
- Flask
- Jinja2
- JavaScript

## Getting Started

We need to install the following modules in order to run this project locally on our machine:

## Prerequisites

- Installing Flask:

```
pip install flask
```

- Installing Flask\_SQLALCHEMY:

```
pip install flask_sqlalchemy
```

- Installing pandas:

```
pip install pandas
```

- Installing Flask\_mail:

```
pip install flask_mail
```

- Installing pyrebase:

```
pip install pyrebase
```

- Installing APScheduler:

```
pip install APScheduler
```

- Installing Flask\_apscheduler:

```
pip install flask_apscheduler
```

## Installation

1. Clone the repo:

```
git clone https://github.com/Anwita17/flask_project.git
```

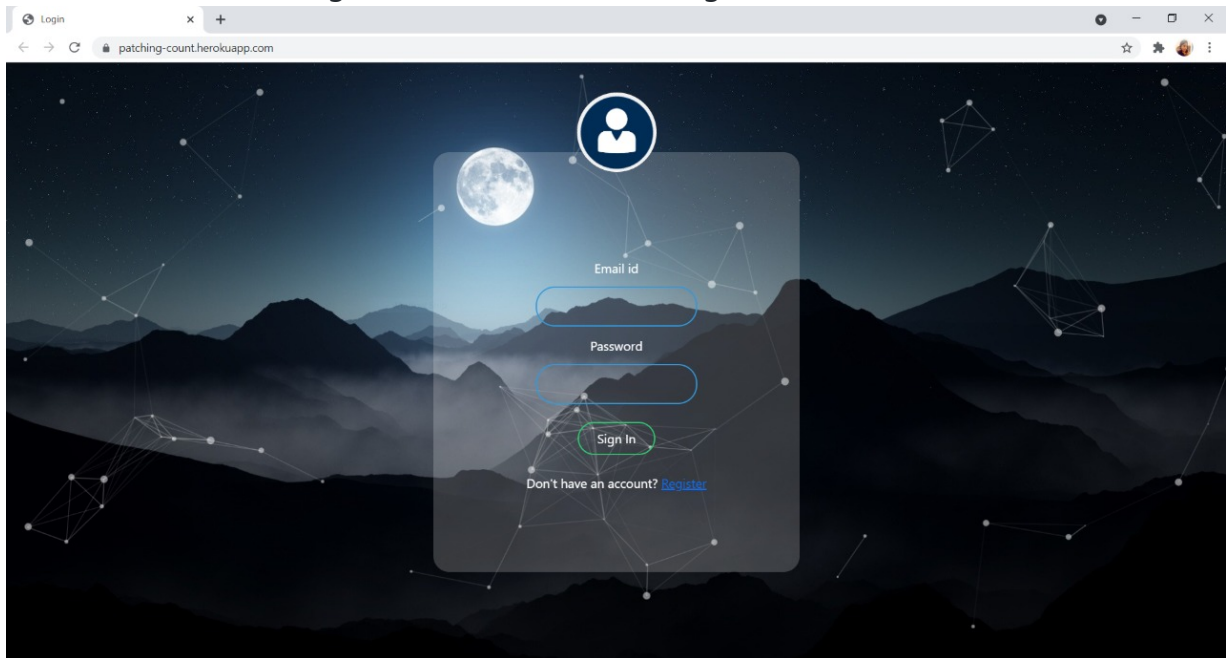
2. Run the cmd using the command:

```
python app.py
```

## Usage

This app is used by DBA for their convenience for viewing the data instead of using the traditional excel sheets.

- Here a new user can register or an old user can login:



- Here the user can view the patching-count details for a particular month and download the report:

Select a month

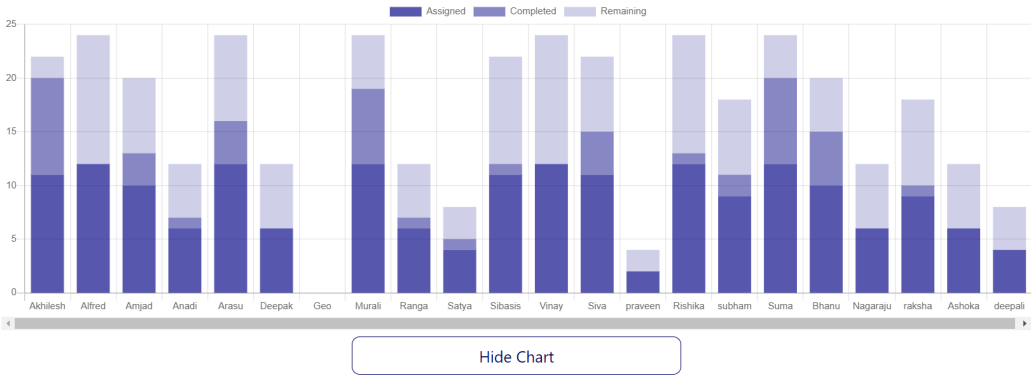
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Show Data

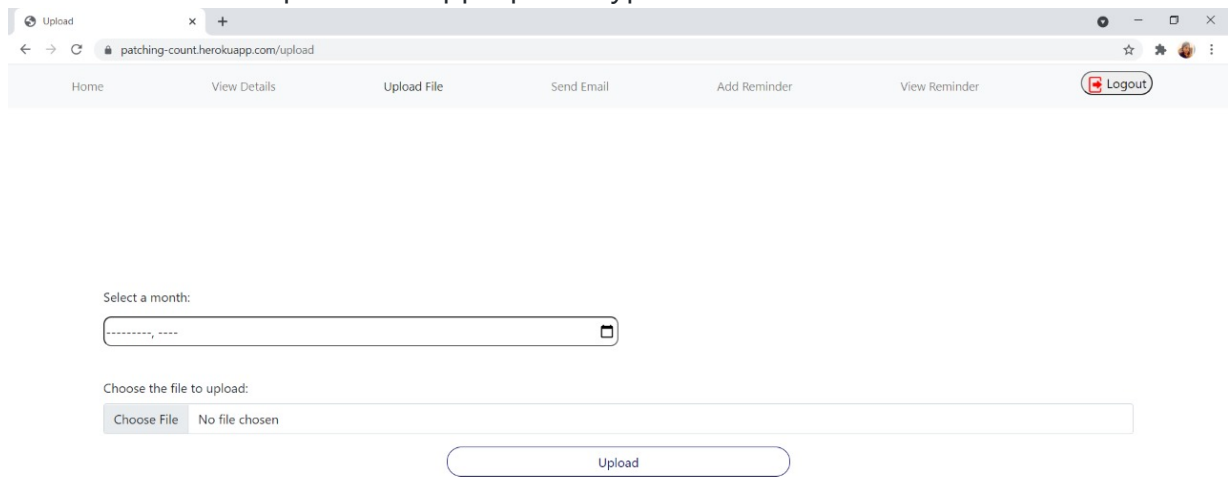
Patching Details for the month of **January, 2021** has been displayed:

Download Report

DBA	12C Clusters			12C Restarts			Total		
	Assigned	Completed	Remaining	Assigned	Completed	Remaining	Assigned	Completed	Remaining
Akhilesh	9	7	2	2	2	0	11	9	2
Alfred	10	0	10	2	0	2	12	0	12
Amjad	8	1	7	2	2	0	10	3	7
Anadi	5	1	4	1	0	1	6	1	5
Arasu	9	3	6	3	1	2	12	4	8
Deepak	5	0	5	1	0	1	6	0	6
Geo	0	0	0	0	0	0	0	0	0
Murali	9	7	2	3	0	3	12	7	5
Ranga	5	1	4	1	0	1	6	1	5
Satya	3	1	2	1	0	1	4	1	3
Sibasis	9	1	8	2	0	2	11	1	10
Vinay	8	0	8	4	0	4	12	0	12
Siva	10	3	7	1	1	0	11	4	7
praveen	1	0	1	1	0	1	2	0	2
Rishika	8	0	8	4	1	3	12	1	11
subham	3	0	3	6	2	4	9	2	7
Suma	8	4	4	4	4	0	12	8	4
Bhanu	6	2	4	4	3	1	10	5	5
Nagaraju	2	0	2	4	0	4	6	0	6
raksha	2	0	2	7	1	6	9	1	8
Ashoka	4	0	4	2	0	2	6	0	6
deepali	3	0	3	1	0	1	4	0	4
Total							183	48	135

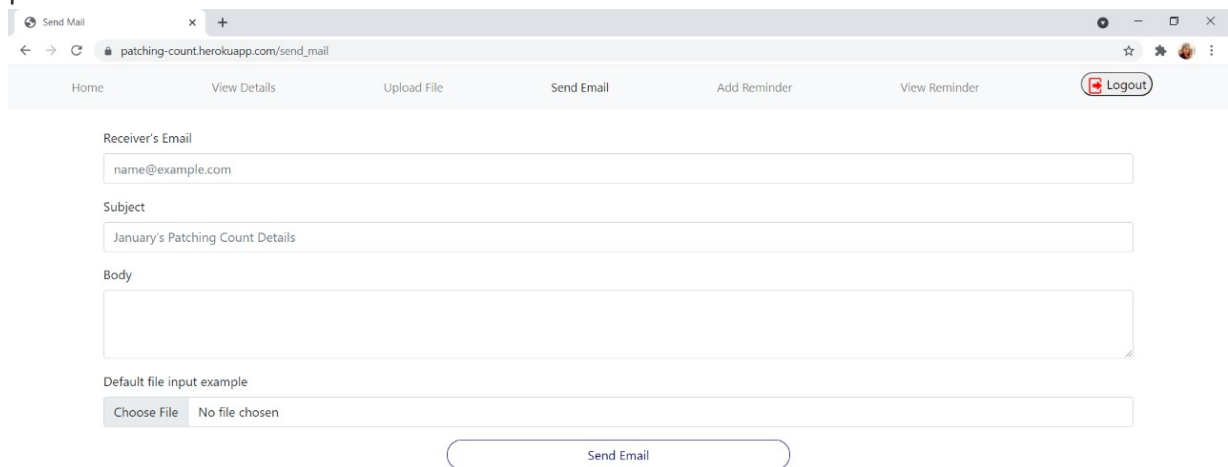


- Here the user can upload the appropriate type of excel/csv file:



The screenshot shows a web browser window with the address bar displaying 'patching-count.herokuapp.com/upload'. The page has a navigation bar with links: Home, View Details, Upload File, Send Email, Add Reminder, View Reminder, and a Logout button. The main content area includes a 'Select a month:' dropdown menu, a 'Choose the file to upload:' section with a 'Choose File' button and 'No file chosen' text, and an 'Upload' button.

- Here the user can send email to the required person without logging into the user's personal mail:



The screenshot shows a web browser window with the address bar displaying 'patching-count.herokuapp.com/send\_mail'. The page has a navigation bar with links: Home, View Details, Upload File, Send Email, Add Reminder, View Reminder, and a Logout button. The main content area includes a 'Receiver's Email' input field with 'name@example.com', a 'Subject' input field with 'January's Patching Count Details', a 'Body' text area, a 'Default file input example' section with a 'Choose File' button and 'No file chosen' text, and a 'Send Email' button.

- Here the user can set the email reminder for himself/herself for a particular event:

The screenshot shows a web browser window with the address bar displaying 'patching-count.herokuapp.com/set\_reminder'. The page has a navigation bar with links: Home, View Details, Upload File, Send Email, Add Reminder, View Reminder, and a Logout button. The main form contains the following fields:

- Title: A text input field.
- Description: A large text area.
- Set Date: A date input field with a calendar icon, showing 'dd-mm-yyyy'.
- Set Time: A time input field with a clock icon, showing '--:--'.

At the bottom of the form is a large 'Add Reminder' button.

- Here the user can view the list of his/her reminders:

The screenshot shows a web browser window with the address bar displaying 'patching-count.herokuapp.com/view\_reminder'. The page has a navigation bar with links: Home, View Details, Upload File, Send Email, Add Reminder, View Reminder, and a Logout button. Below the navigation bar is a section titled 'Your Tasks' containing a table of reminders.

Sno	Title	Description	Date	Time	
1	Email Joe	Remind me to email Joe about scheduling the next meeting	2021-06-18	19:45	Delete

## Roadmap

See the [open issues](#) for a list of proposed features (and known issues).

## Contributing

Contributions are what make the open source community such an amazing place to be learn, inspire, and create. Any contributions you make are **greatly appreciated**.

1. Fork the Project
2. Create your Feature Branch ( `git checkout -b feature/AmazingFeature` )
3. Commit your Changes ( `git commit -m 'Add some AmazingFeature'` )
4. Push to the Branch ( `git push origin feature/AmazingFeature` )
5. Open a Pull Request

## Contact

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Anwita Roy Chowdhury - [linkedin](#) - [anwita.roychowdhury@gmail.com](mailto:anwita.roychowdhury@gmail.com)

Project Link: [https://github.com/Anwita17/flask\\_project](https://github.com/Anwita17/flask_project)

## Acknowledgements

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- [Code With Harry](#)
- [W3 schools](#)
- [BootStrap](#)
- [Flask](#)
- [Firebase](#)

## Releases

No releases published

[Create a new release](#)

## Packages

No packages published

[Publish your first package](#)

## Contributors 2



shobhit977



Anwita17



## Languages

● JavaScript 41.9%   ● HTML 40.6%   ● Python 17.5%