



DIBA MANAGER

DIABETES REPORT MANAGER



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college:-LNCTS*

TECHNOLOGIES USED



FRONTEND:-HTML,CSS,BOOTSTRAP

BACKEND:-PYTHON WITH FLASK

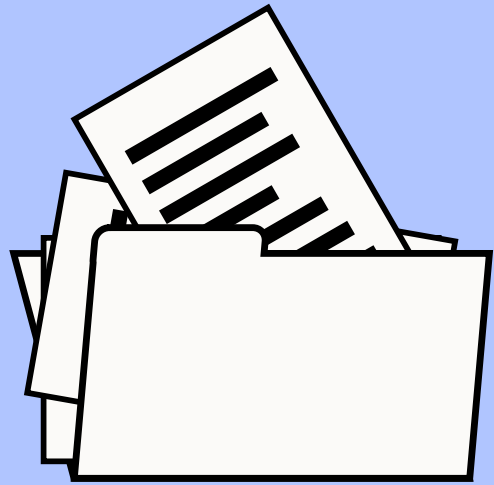
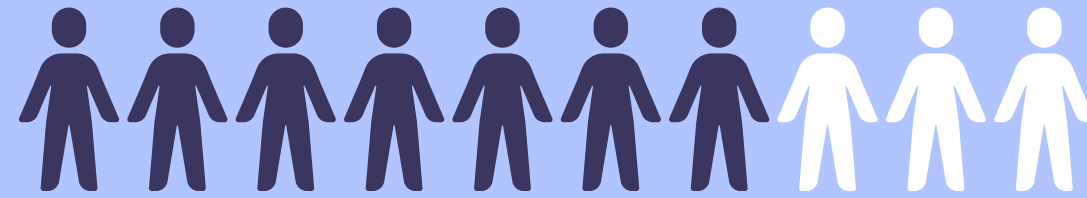
DATABASE:-MYSQL

VERSION CONTROL:GITHUB



PROBLEM

101 million people are diabetic in India as per 2021 reports

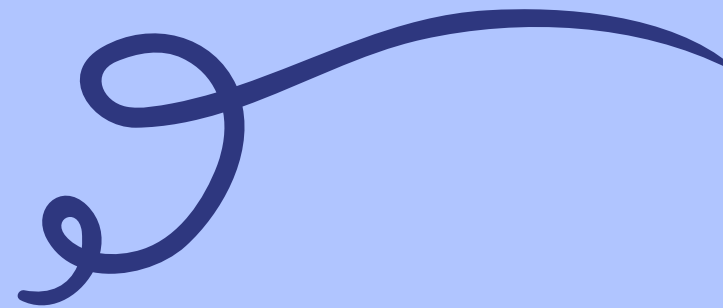


Blood reports of patients are generally paper-based and it is hard for Doctors to track their diabetic history

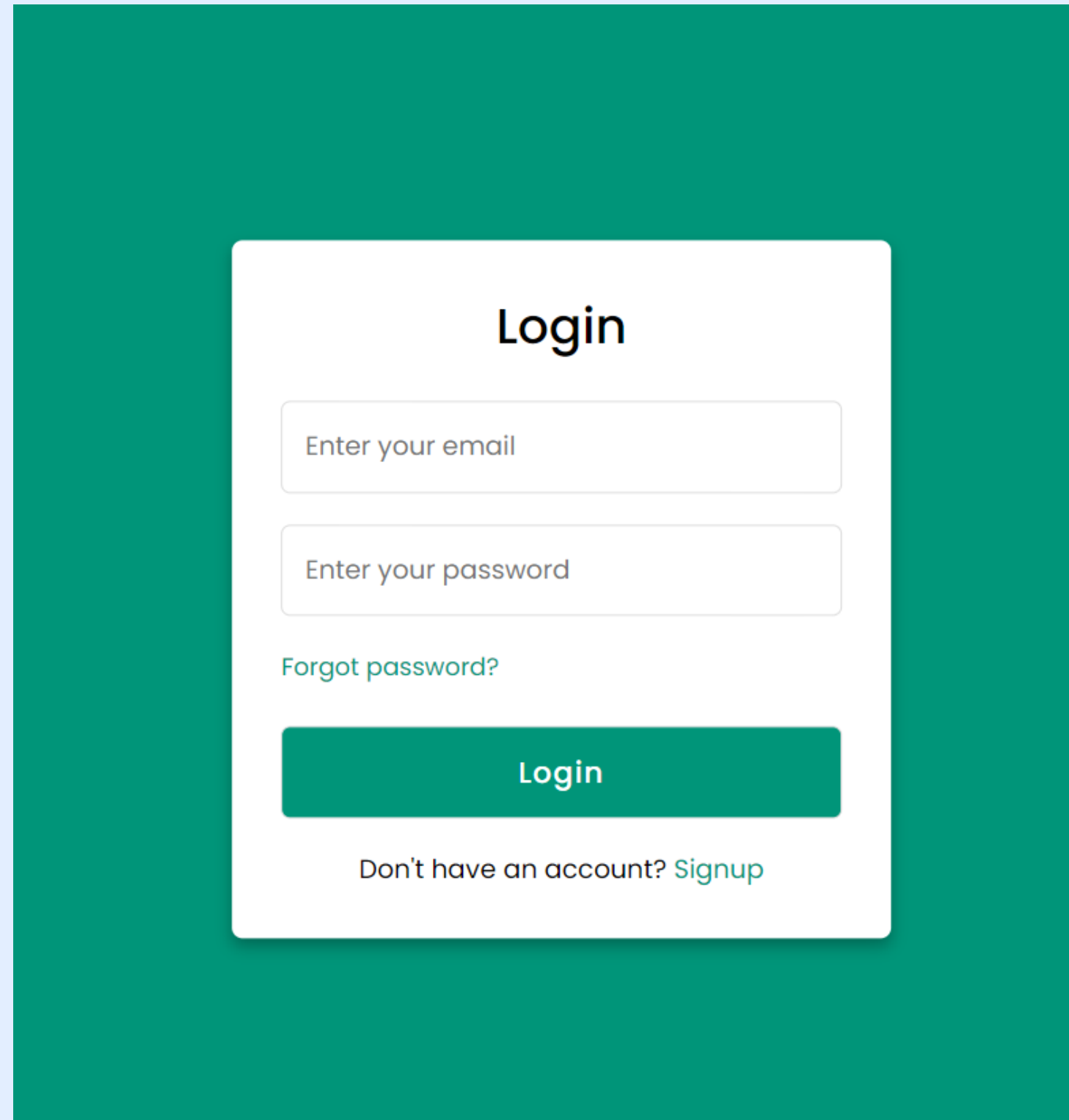
PaperBased reports on WhatsApp are hard to track after 1 year inside our phone's gallery

SOLUTION

Diba Manager web app basically solves the clinical report management problem for diabetic patients by giving them options to store their pathology reports or simply storing the values for their sugar level for long term so that it becomes easy for the doctors to track their diabetic history.

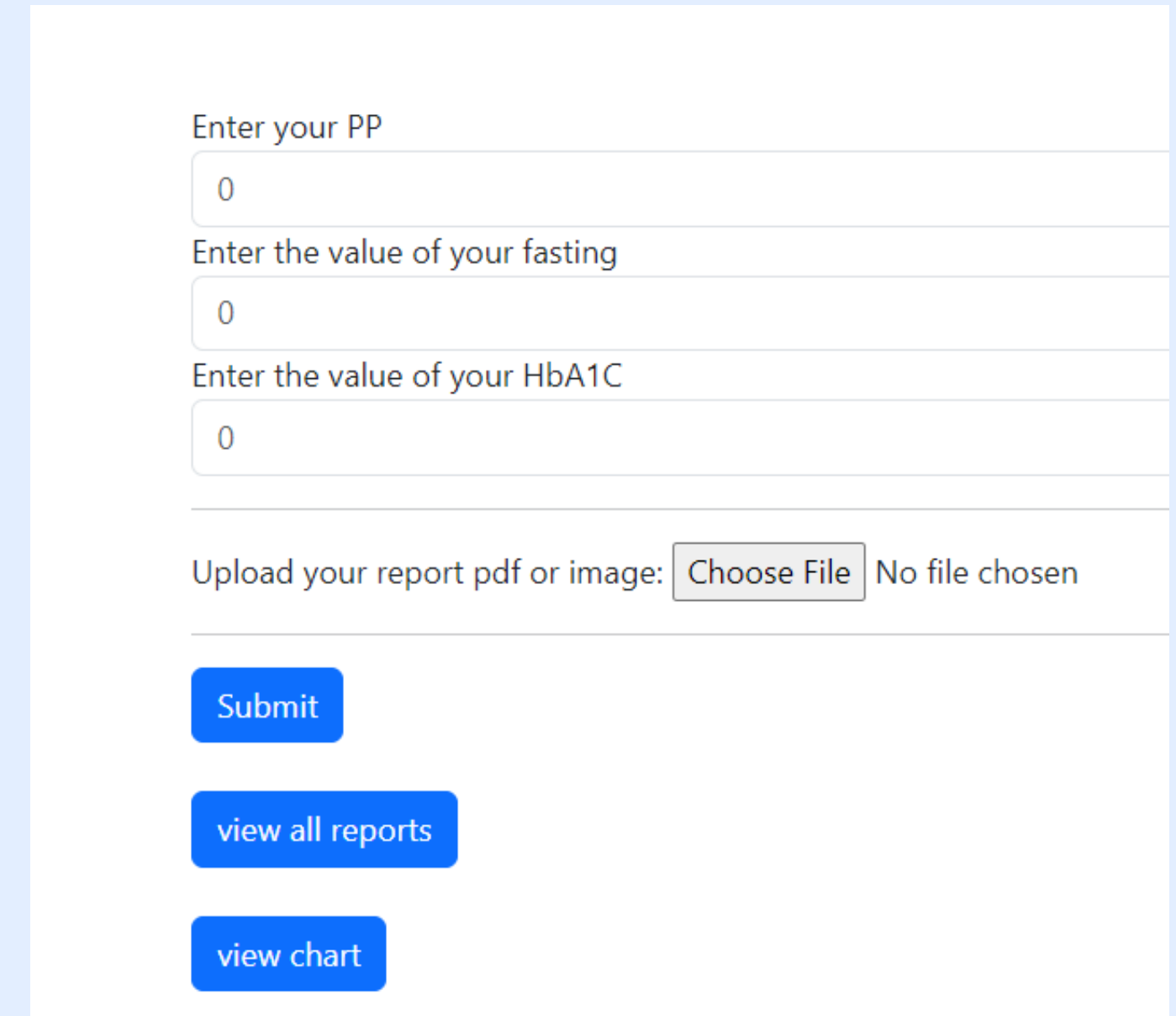


LOGIN PAGE

The login page features a white card centered on a teal background. The card has a title 'Login' at the top. Below it are two input fields: 'Enter your email' and 'Enter your password'. A link 'Forgot password?' is positioned below the password field. A large teal 'Login' button is at the bottom of the card. Below the button is a link 'Don't have an account? Signup'.

HERE new users can signup or login

DASHBOARD

The dashboard form is on a white background. It contains three input fields with labels: 'Enter your PP', 'Enter the value of your fasting', and 'Enter the value of your HbA1C'. Each field has the number '0' entered. Below these is a file upload section with the text 'Upload your report pdf or image:', a 'Choose File' button, and the text 'No file chosen'. At the bottom are three blue buttons: 'Submit', 'view all reports', and 'view chart'.

Users can upload the value of their PP, Fasting, or HbA1C, or else they can also upload the pdf file so that using pyterract(OCR) it can extract the values for the same.)

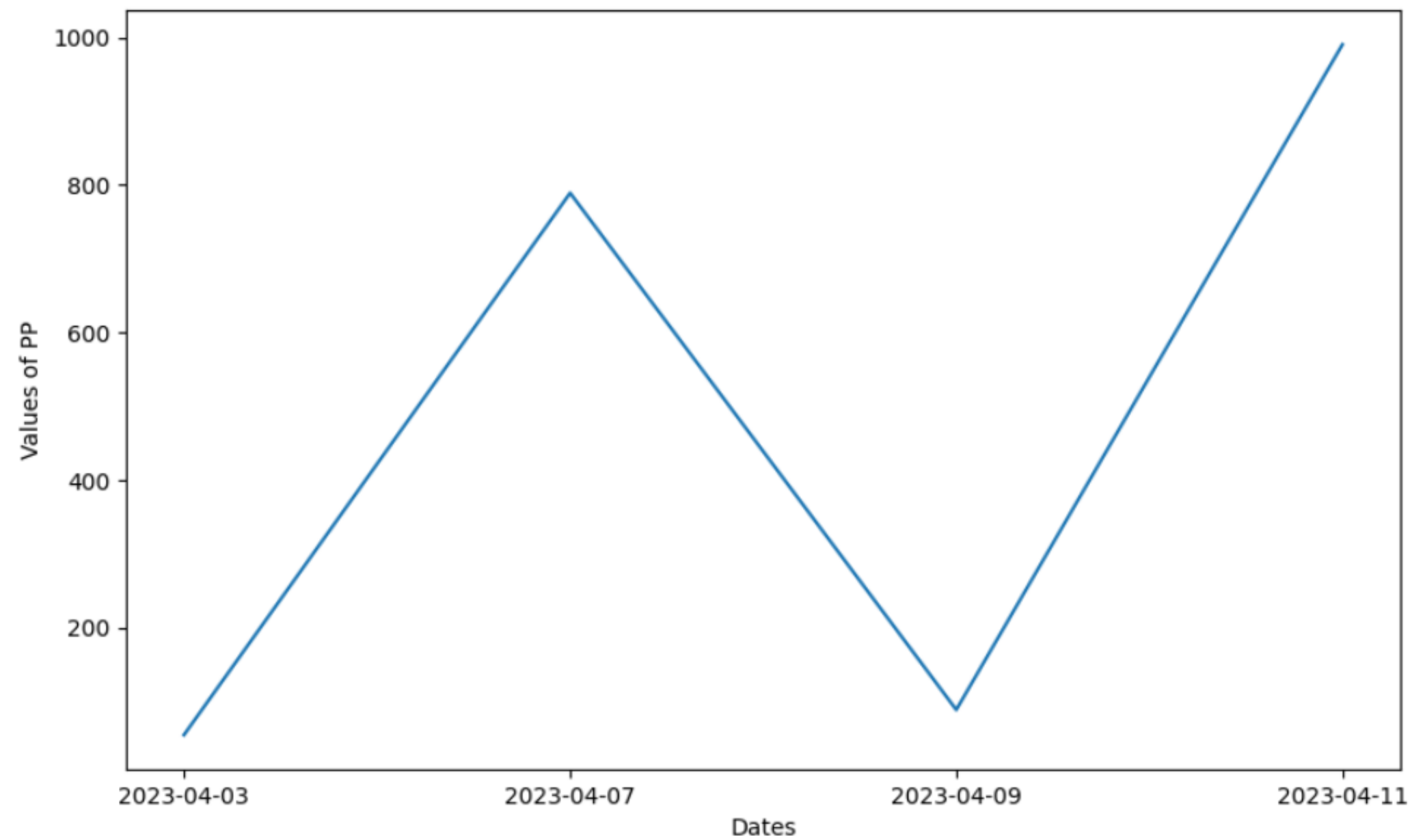
DATABASE

DATE-TIME	PP	FASTING	HbA1C	FILE
2023-04-02 12:47:20.473342	12	323	None	view
2023-04-02 13:23:48.277301	0	0	None	view
2023-04-02 13:45:04.596823	100	100	None	view
2023-04-02 13:54:46.147256	50	50	None	view
2023-04-02 13:56:29.051310	50	50	None	view
2023-04-02 13:56:56.834586	90	90	None	view
2023-04-02 14:10:08.087152	22	22	None	view
2023-04-02 14:12:10.844546	7	7	None	view
2023-04-05 22:21:08.799980	245	245	None	view
2023-04-05 23:48:39.784159	0	0	None	view
2023-04-05 23:51:09.072097	0	0	None	view
2023-04-05 23:54:13.415529	0	0	None	view
2023-04-09 18:59:02.194862	0	0	None	view
2023-04-09 19:01:16.652281	0	0	5.0	view
2023-04-09 19:02:11.506401	0	0	6.0	view
2023-04-09 19:02:56.525723	0	0	6.2	view

Mysql database with 5 columns

DATA VISUALISATION

PP Line Chart



Datewise PP values