Healthcare App: Want a Doctor? PHASE3

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Project Description

- Getting an appointment in-person is a time-consuming job.

- The main-idea of this application is to provide a platform to patients who can book an appointment online as per their specifications and convenience.

- This application also allows the user to cancel their appointment, view their booking status and see their appointment history as well.

- We've used AngularJS for front-end and PostgreSQL for back-end.

Development Details

- As specified previously, we used AngularJS for front-end and PostgreSQL for back-end.

- Some of the technical features of our application are:-

i. SearchEngine: Easy doctor search based on location – use of PipeTransform and GooglePlaceDirective

ii. AppointmentCalendar: Excellent use of Angular component Owl DateTimePicker which allows user to enter date and time together.

iii. GUI tools of PostgreSQL provide powerful graphical interface that simplifies working needs of both a novice and experienced user.

Completeness of Our Project:Want a Doctor

- Minimum Functionality
  - - login/register to the website.√
  - - look at doctor's profile.√
  - - online appointment booking / cancelling.√
- Low target
  - - achieve the minimum functionalities of previous stage√
  - - make the application user friendly.√
  - - improve the performance of the application.√
  - - provide easy navigation through the site. √
- Desirable Target
  - - Add/Delete a doctor.√
  - - Edit doctor's profile. √
  - - users/patients search for doctor in a location. √
  - - users/patients can see their booking status.
  - - users/patients can browse through their past bookings. √
- High Target
  - - Email functionality.√

Strengths

 Our application is user-friendly and thus, very simple.

 Ease of access.

 Browser compatibility.

 Easy to manage due to rigidity of agile method used.

Learning accomplishment after testing

- We had divided our project into scenarios to carry out the testing. Some of the learning accomplishments for us was:-

- Keep your project well documented.

- Prepare test cases as per the size of the project.

- Keep the testing well-planned so that finding out the risks is easy.

- Avoid redundant test cases.

Accomplishments

* Technical- A primary accomplishment here was that we learnt a new language, i.e., AngularJS.

* Documenting – We had been maintaining a log for our project (from the very start) that included meetings and minute changes we made to our project, so documenting them was not really tough.

* Testing- As specified previously, we had divided our project into scenarios, so testing those scenarios in a structured format was convenient for us and gave satisfying results.

* Presenting- A good thing about presenting a project in phases is that it gives time to not only work on the project, but also focus on presentation skills. We learnt how to keep our presentations subtle.