

GenMedi: Generic Medicine Suggestion from Doctors Prescription

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Abstract— GenMedi is a web app to control patient prescription, we proposed a method of medical prescription system where doctor will suggest some generic medicine name and patient can view all medicine lists and price by clicking on generic name. This system will help patient to choose the best medicine by consideration the all the factors.

Keywords—Medicine, Database, Doctor-patient, Web design, Patient

I. INTRODUCTION

Doctor giving prescription to patient it's a common matter, but our proposed system is different from common aspects. Doctor will suggest generic name of medicines and patient will get the prescription list by patient id. From list it will show current medicine type with price. We hope that will be effective for medical report system, patient can get medicine by their own choice.

II. FEATURES

The online based application has some features. They are:

- Customize prescription.
- Get user id and URL.
- User friendly.

III. DOCTOR'S PAGES

A. Home page

Home page is only for one user, user is a doctor. He will input the full name of patient, email address of patient and medicine name with other content. Example of Home page shown in fig 1.

Fig 1: Home page

B. Patient Page for doctor

When doctor submit prescription we get an URL and user id. By that user id patient access the prescription. Example of Patient Page for doctor shown in fig 2.

Fig 2: Patient Page for doctor

IV. PATIENT'S PAGES

After doctor's submission, patient will access user page by id an URL.

A. User page

User/Patient will find a page contains his name ,email and a medicine name. Example of Patient Page for doctor shown in fig 3.

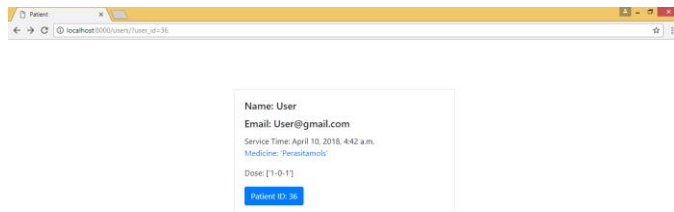


Fig 3: Patient Page

B. Patient Medicine Details

After clicking on medicine name it will show a list of medicine with price. Example of Patient Page for Patient Medicine Details shown in fig 4.

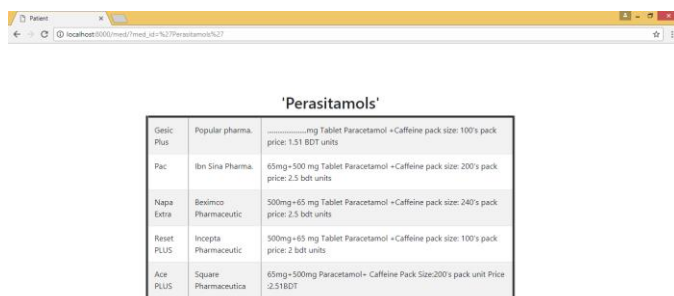


Fig 4: Patient Medicine Details page

C. Medicine List

After going on medicine URL user will see all the medicines from database. Example of Patient Page for .Medicine List Details shown in fig 5

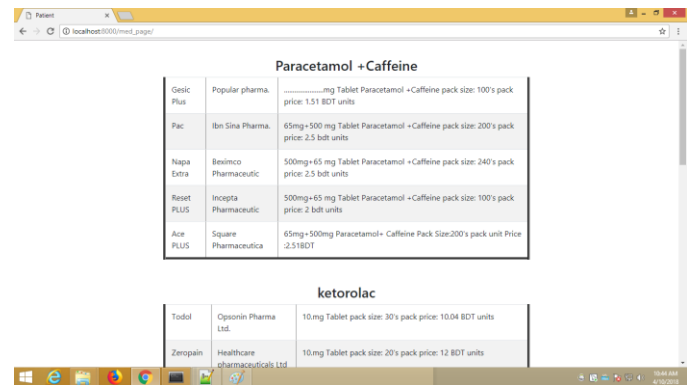


Fig 5: All Medicine Details page

D. Admin Page

After going Admin page doctor can add, remove, delete and update patient. Fig 6 shows Admin Panel.

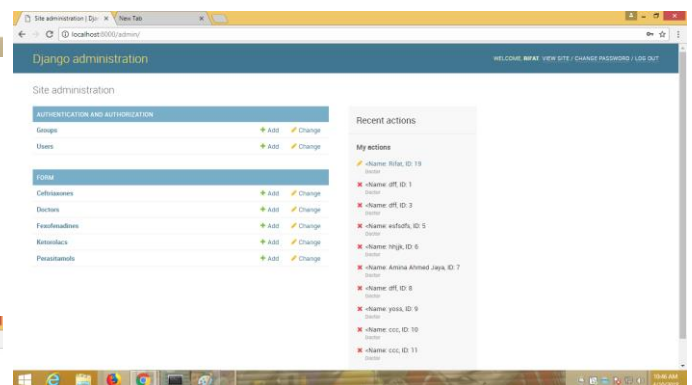


Fig 6: Admin Page

V. TOOLS USED FOR DEVELOPMENT

Our designed website used popular and most secured web framework django[1]. Also used HTML, CSS and bootstrap for designing the site.

A. Front end part:

- HTML
- CSS
- JAVASCRIPT[3]
- JQUERY (JS framework)
- BOOTSTARP (framework)

B. Back end part:

- DJANGO
- SQLite3[2]



Fig 7: (A) DJANGO Logo (B) HTML CSS Logo

VI. SYSTEM ARCHITECTURE

The online based application divided into three parts. The following integrated software had the given modules:

- Doctor
- Patient

VII. CONCLUSION AND FUTURE WORK

After the This application will give the new proposed system of prescription. This a smart of new prescription system.

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