

Manual

Individual-Health-Record Team Awesome

Fall 2018 CS6440

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Cover Page

IHR

Individual Health Record



Website

<https://cs6440-f18-prj11.apps.hdap.gatech.edu/>

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[1: This Manual is for website end user. For maintainance and development please see special instruction]

FHIR server example patient: http://hapi.fhir.org/baseDstu3/Patient?gender=female&given=John&family=Doe&birthdate=1990-11-06&_pretty=true

Login Page

*IHR will provide one stop shop for patient to get their medical information from anywhere.
IHR also protect health informtion privacy.*

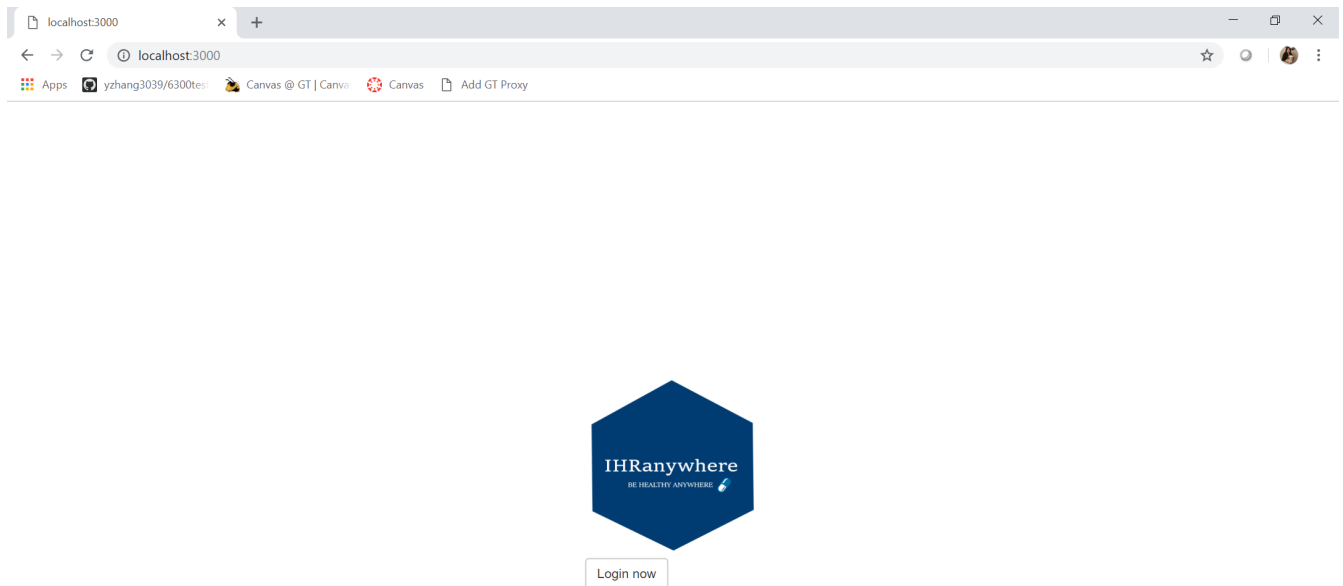


Figure 1. loginpage

click the login button, the user will be prompted to input their credentials.

OAuth login

We choose OAuth because it provides users security, also it is convenient for the users to avoid extra memorization effort

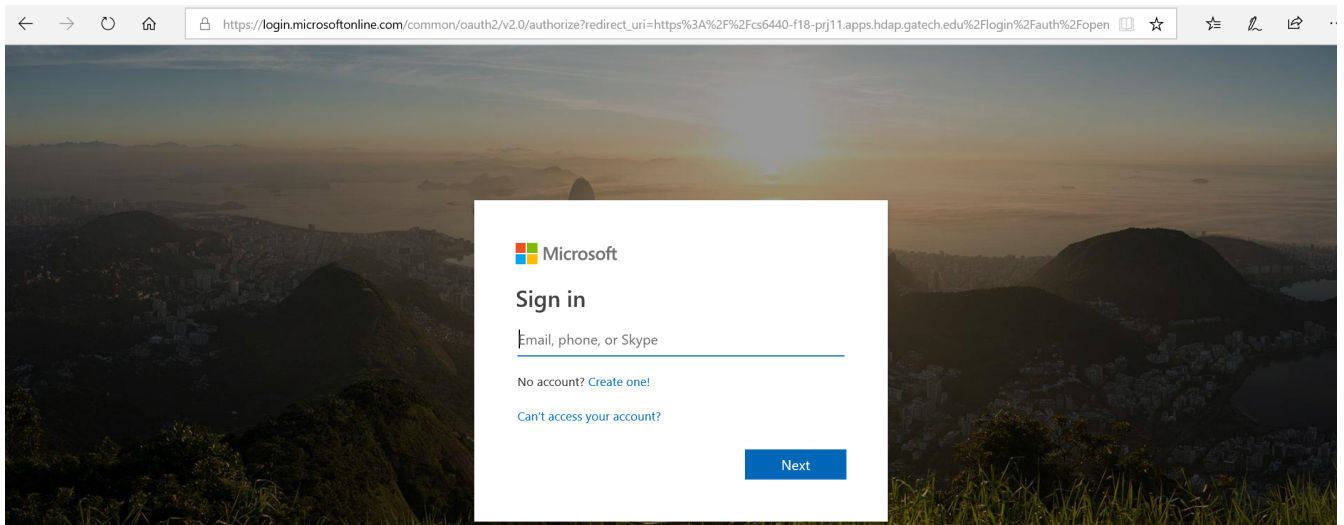


Figure 2. OAuth First time

The user put their email and password to login.

Currently we are using Microsoft, future the website can add other OAuth like Google, Facebook etc.

Main Page

After login, the user is directed to the main page. Here the user will have different areas to explore

dashboard

history

add resource

.mainpage



Welcome, Yuhua Zhang

[View Dashboard](#) [View History](#)

[Add A
Resource](#)

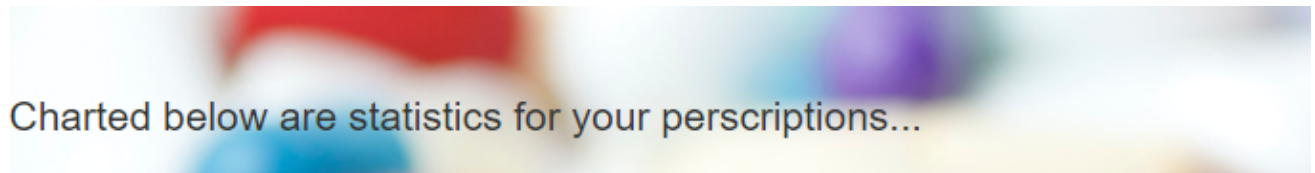
[Logout](#)

Dashboard

Dashboard is the place to provide users graphic visualtion of their health status

Below we can see vertical bar chart represents our patient John Doe's medication intake summary by dosage period

just one possiblity to display quantified data



Charted below are statistics for your perscriptions...

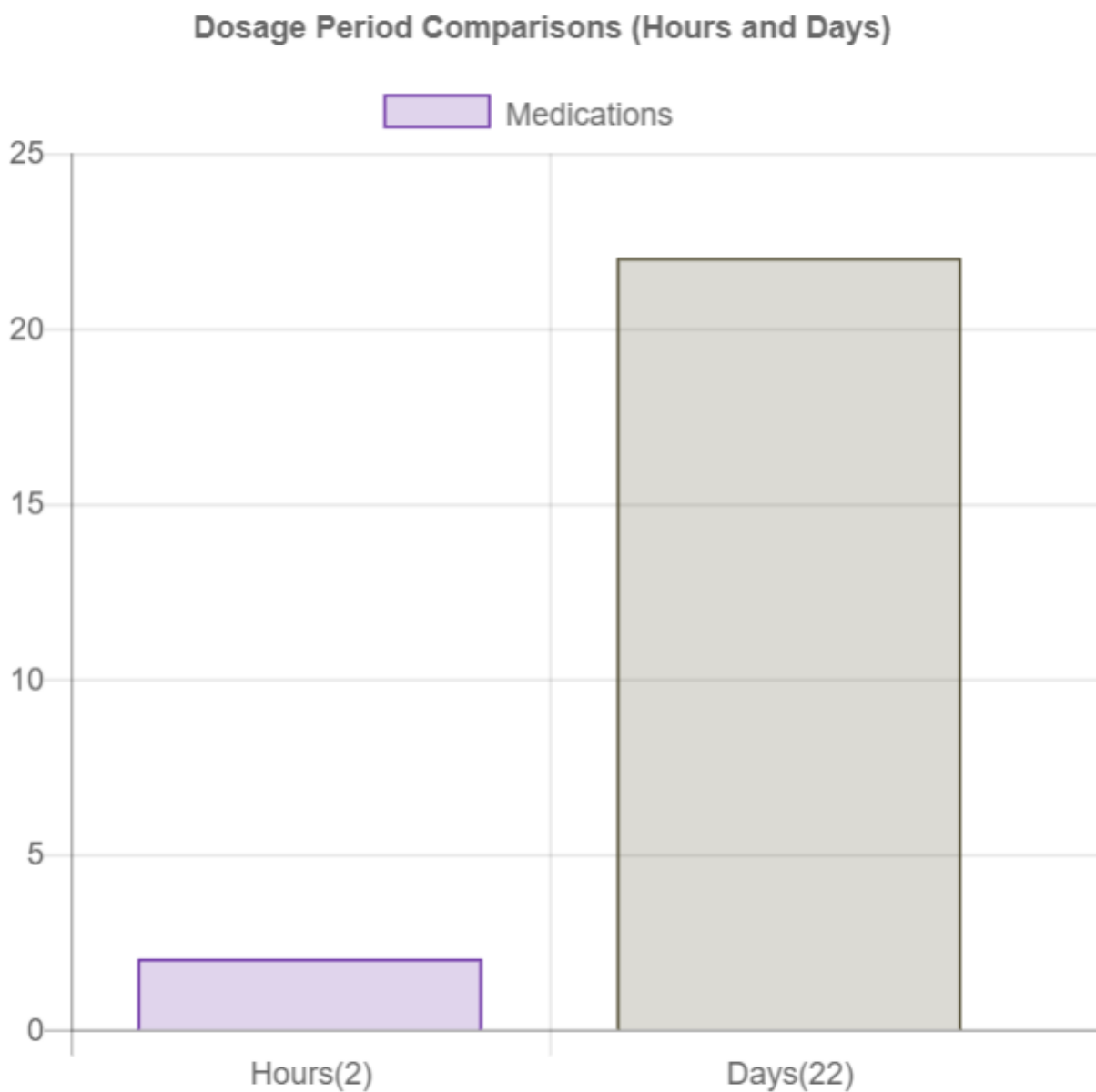


Figure 3. Vertical Bar Chart

*Below another example using horizontal bar chart
represents medication by administration method*

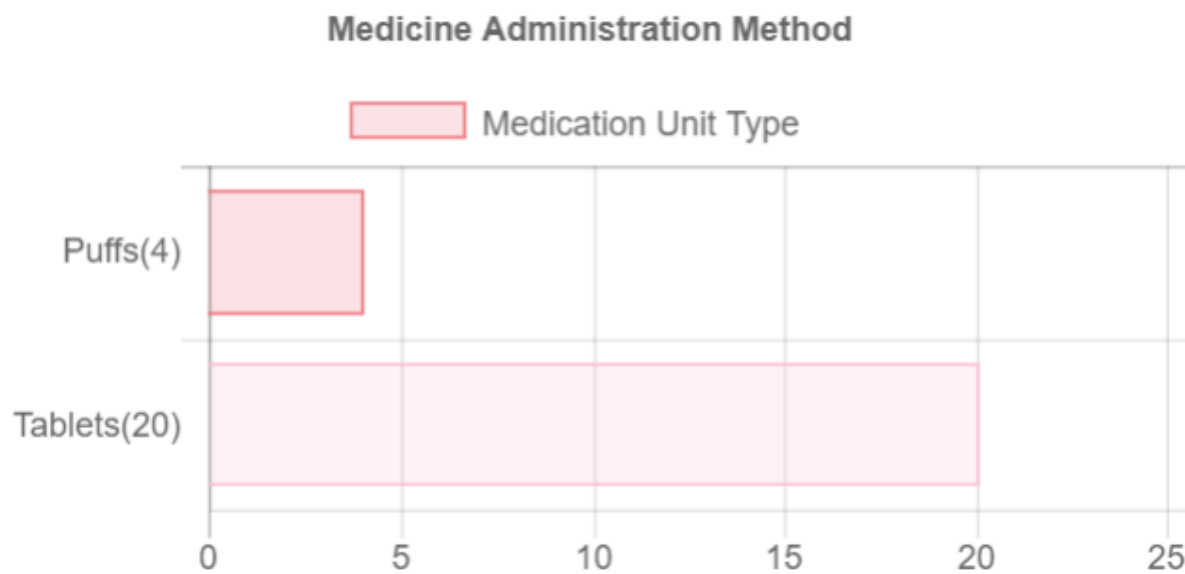


Figure 4. Horizontal Bar Chart

An interesting donut chart below display all the medications of John
 The interactive part like you click a legend to diminish or add back the slice of the medication. For example, like Aspirin in image below

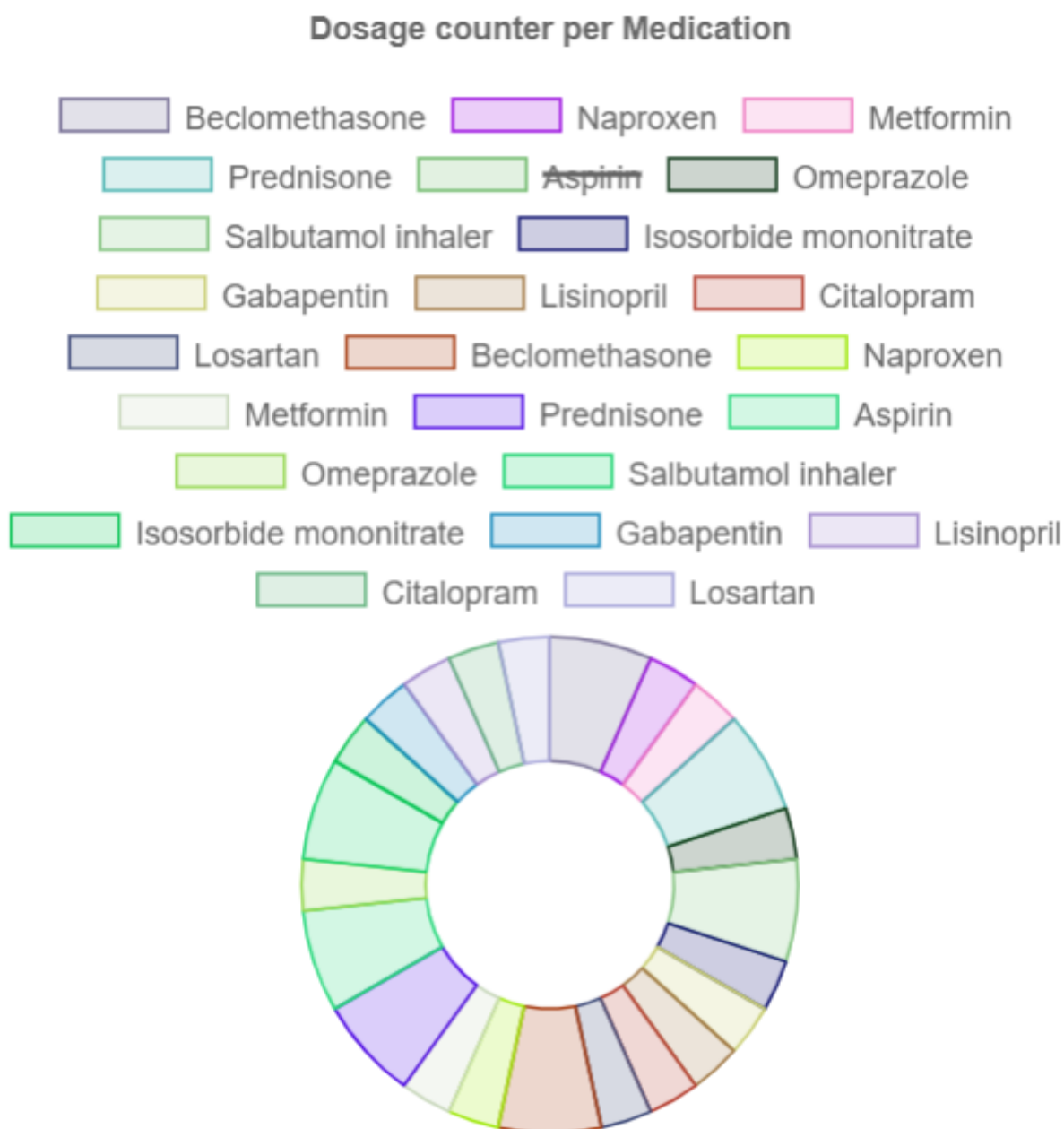


Figure 5. Donut Chart

History

History is the resource with condensed historic health information

History page focus on detailed information of medication patient is taking or take before, in the form of list

User can click on each medication to expand the details.

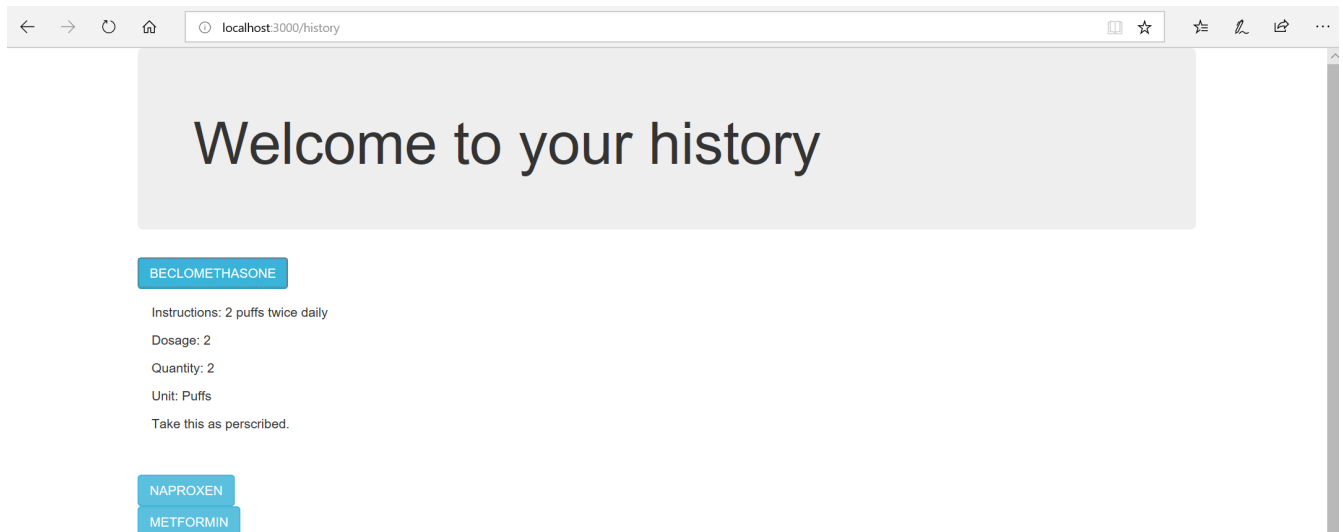
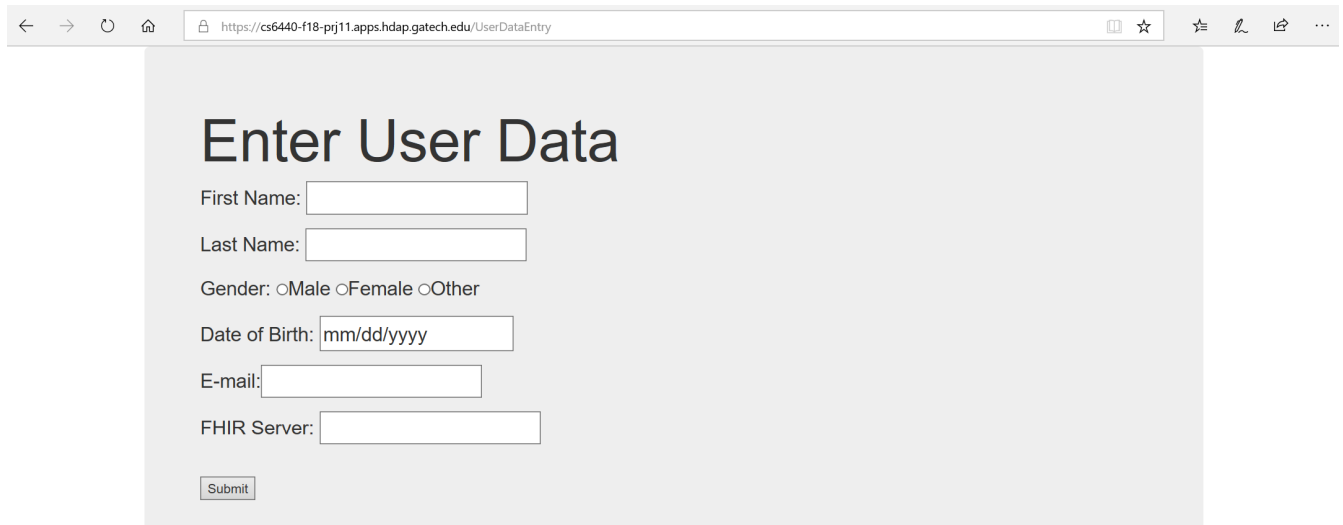


Figure 6. History

UserDataEntry

The page of user data entry provide a portal for users to sending the indentifying information



The screenshot shows a web browser window with the address bar displaying `https://cs6440-f18-prj11.apps.hdap.gatech.edu/UserDataEntry`. The page content is a form titled "Enter User Data" on a light gray background. The form includes the following fields and controls:

- First Name:** A text input field.
- Last Name:** A text input field.
- Gender:** Three radio button options: `Male`, `Female`, and `Other`.
- Date of Birth:** A text input field with a placeholder `mm/dd/yyyy`.
- E-mail:** A text input field.
- FHIR Server:** A text input field.
- Submit:** A button located at the bottom left of the form area.

Figure 7. UserDataEntry

Using that information, through authenticifaction, health information in the EHR server is extracted to local database

After that the user could see the display of their health information in various ways