Group 2-

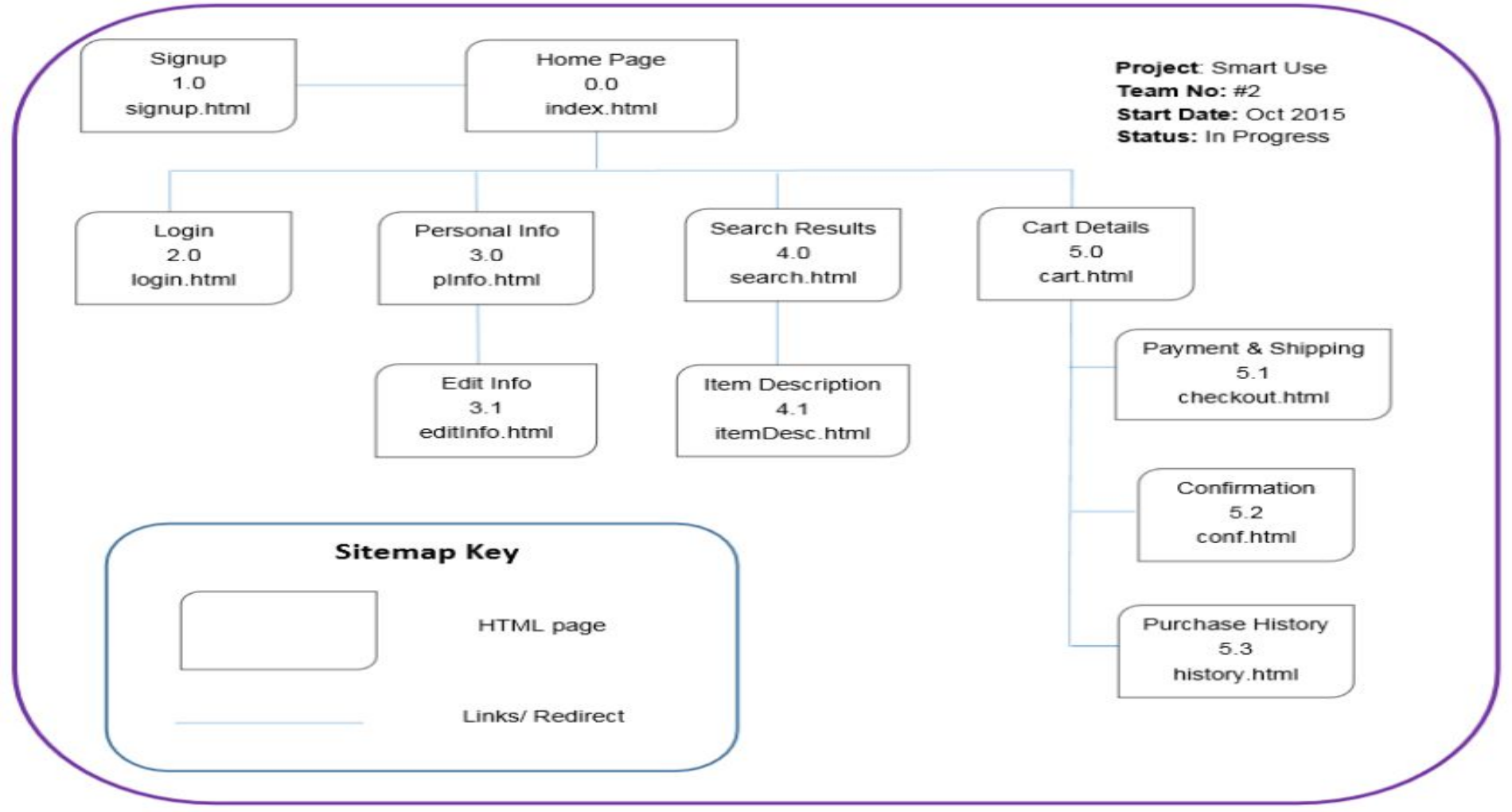
Pooja Karpey Sai Rao

Tingting Xu

Shubham Banthia

Allan Lobo

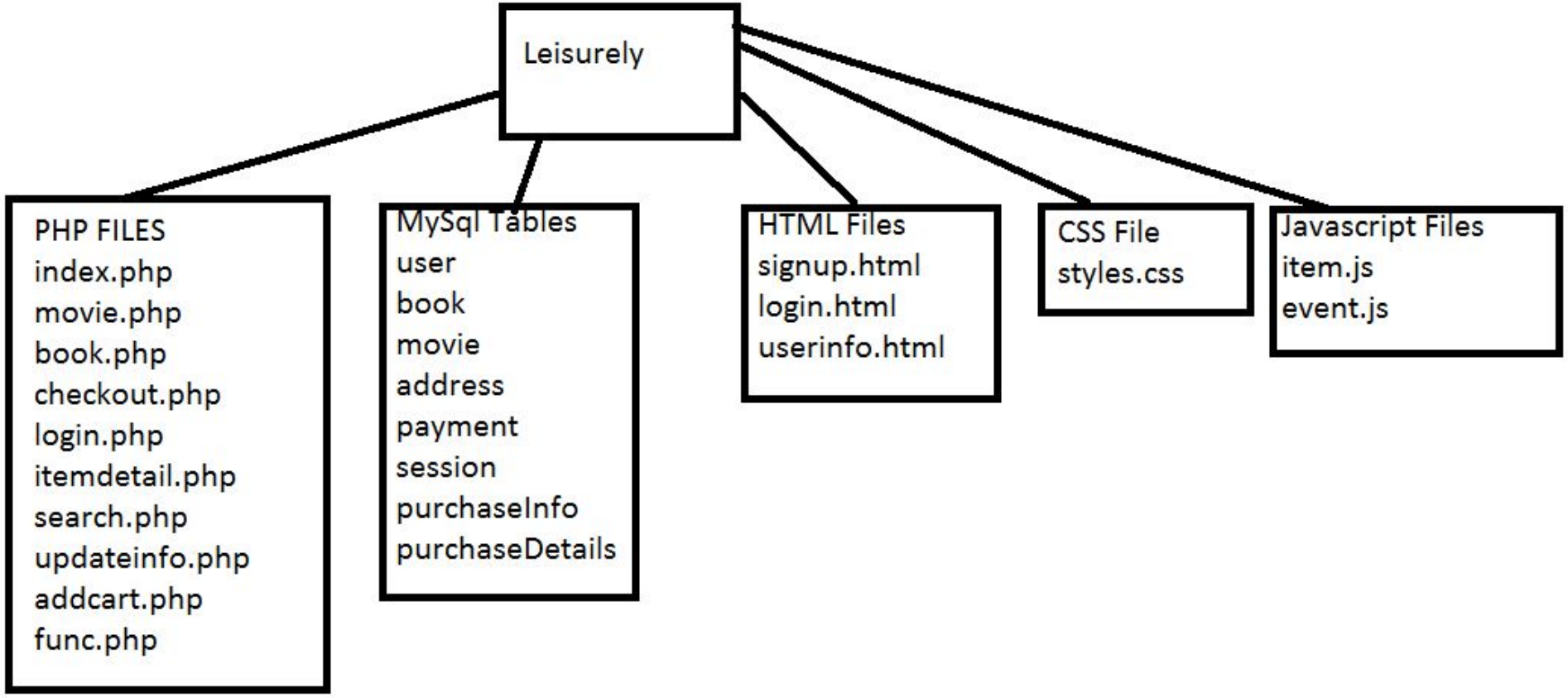
SITEMAP


Signup
1.0
signup.html
Home Page
0.0
index.html
Project: Smart Use
Team No: #2
Start Date: Oct 2015
Status: In Progress
Login
2.0
login.html
Personal Info
3.0
pInfo.html
Search Results
4.0
search.html
Cart Details
5.0
cart.html
Payment & Shipping
5.1
checkout.html
Edit Info
3.1
editInfo.html
Item Description
4.1
itemDesc.html
Confirmation
5.2
conf.html
Purchase History
5.3
history.html
Sitemap Key
HTML page
Links/ Redirect

Highlights

- Search option which use keywords like name/year/contents.
- Session persistence .
- Register/ Login/Logout, saved address/ cc in system.
- User safety - md5 for password.
- Product detail page with links to author/ stars.
- A huge database. (500+ movies and 400+ books)
- All input validation - Such as Luhn Algorithm for Credit Card

System structure



Separation of concerns

We separate things into different folder such as js, html. Github link: https://github.com/alicextt/lesuirely.

- Content - html/ php pages
- styling - css
- user action- ajax call, php handling request.
- data transmission - in session, json , php objects

HTML/CSS

- We have implemented the divs, spans, in our html code and the classes and ids in the CSS code to give the user the best presentation of information .

- We aimed for the aesthetic appeal of the site to bring the user to relax in his time of leisure and have fun buying movies and/or books.

Javascript/ Jquery

ITEM.js

- buying an item or renting an item
- Placing an item into the cart.
- The events that enable the user to checkout after he/she has finished shopping.

EVENT.js

- The event handlers used to Access a New Page.
- The Function to Load and Create the username and password for users.
- Validation of form fields.
- Events such as toggle/ select change.

PHP

- PHP is used to create sessions in order to maintain the state.
- FUNC.php file contains functions to connect to the Database.
- The data from database is retrieved and validation errors, if any, are directly displayed on the browser.

DATA MODELLING-MYSQL

- MySQL tables for User information such as User's Personal Information, login details and sessions.
- An optimized schema with sufficient information of a movie or/and a book.

Attributes for Movies:

- id
- rate
- imgurl
- title
- year
- description
- tags
- stars
- link
- price

Attributes for Books:

- id
- rate
- imgurl
- title
- author
- description
- tags
- price

SESSION MANAGEMENT

- We have implemented sessions in our project using php and the database.
- Use of Session variables that can store user information to be used across multiple pages starting with a session_start() function.
- The Cart data is also implemented with sessions.
- While logging out, cookies are checked in the browser data . Eliminating cookies enables us to validate if our session management techniques are working properly.

LESSONS LEARNED AND OUR EXPERIENCES

- Data is everything- data transmission,data comes from data retrieval.
- Separation of Concerns makes life a whole lot easier.
- Never be afraid of Functions.
- PHP debugging is very difficult.

THANK YOU!