

CS213 Project | Readers

Student: Abdulmalik Almushaiqah | Student ID: 371111848 | Instructor: Dr.Mohammed Alsuhibani

Problem Description:

Assume that you are managing a reading group of various members. You were asked to produce a monthly report of the group reading. The report includes some statistics about what the group has read during the month.

Therefore, the task is to write a program to manage the reading group.

- The group must have at least 10 members.
- The data must be collected from a file (e.g. members names, emails, phone numbers, books titles, pages, categories).
- Each member at least read 5 books.

Inputs:

3 CSV files:

- 1- Members Data - with the attributes: (id, name, phone, email)
- 2- Books Data - with the attributes: (id, title, pages, category)
- 3- Reading Data - with the attributes; (member_id, book_id)

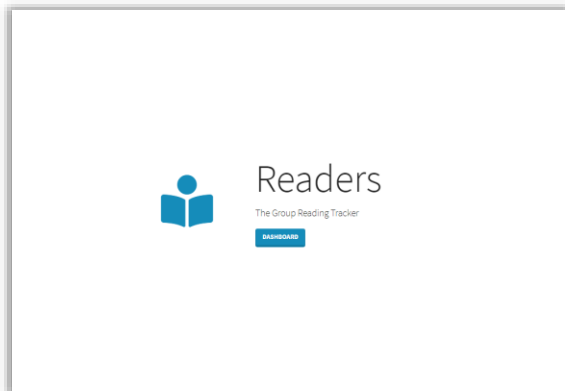
Project Link

Available on GitHub: <https://github.com/371111848/readers-cs213>

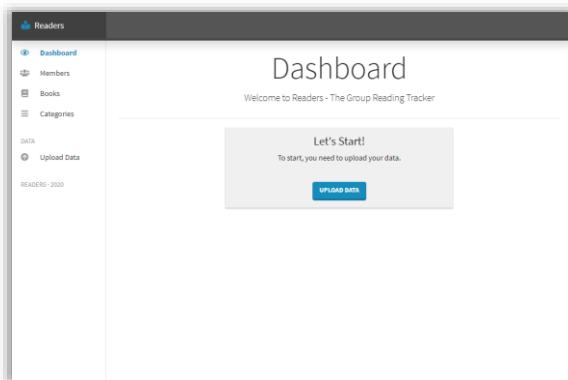
Examples of Key Language Features Used:

Function	File	Lines
if(condition) else	/functions.php	19,33,37,42,48,56,60,71,72,74,100
foreach(array as value)	/functions.php	18,42,56,58,59,99,121,138,158
fopen(file,opentype)	/functions.php	285,348,389
Switch(var) case "value":	/functions.php	184,233,258,362,436

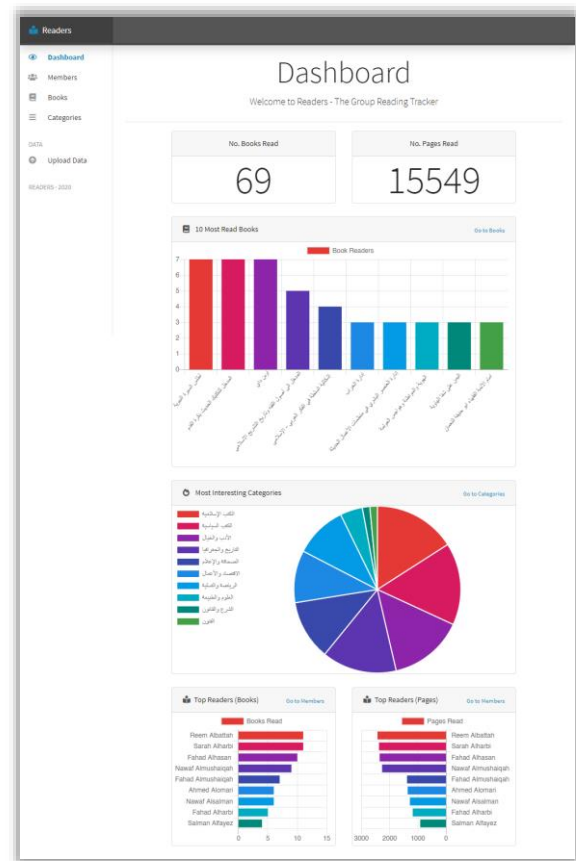
A sneak-peek in the solution



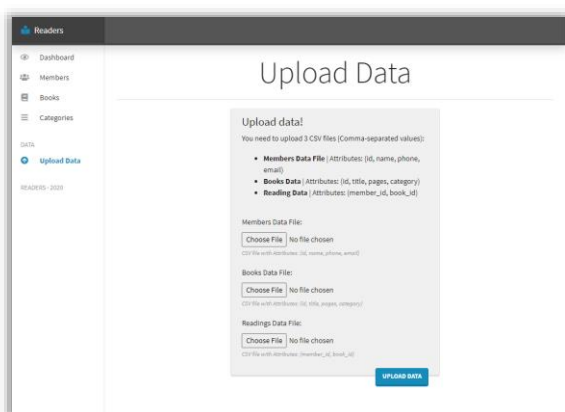
Landing Page



Dashboard (with no data uploaded)



Dashboard (after uploading data)



Upload Data Page

The "All Members" page displays a table of members with columns for #, Name, Read Books, and Read Pages. The table lists 9 members. A red error message at the bottom states: "The No. Members loaded (9) is less than the minimum required No. Members (10)".

#	Name	Read Books	Read Pages
1	Navaf Alsalman	6	1282
2	Navaf Almushaiqah	9	2288
3	Fahad Almushaiqah	7	1383
4	Fahad Alharbi	5	1182
5	Ahmed Alomari	6	1380
6	Reem Alkhatib	11	2429
7	Sarah Alharbi	11	2277
8	Salman Alkayy	4	913
9	Fahad Alhasan	10	2353
Total		69 Books	15549 Pages

Members Page (with errors)



Thank You!

Abdulmalik Almushaiqah | 371111848

2020-11-20