

## 1 Introduction

The social electronic library is a website that serves the Saudi society, and it provides many sections of papers, audios, books and scientific research. The members of the community can add paper and sound books, scientific research papers and summarize scientific research papers easily after registering his/her account on the website, after check the compatibility of these resources to the terms and the conditions of the web site. Also, there will be sections for donation for helping people to communicate easily and they find their desired materials. The concept of this social library will allow huge number of participants to access the library and contribute in its contents. The members will register in the website to be able to upload or download the contents from the library.

Facilitate the process to collecting digital contents in one site.

- ### 2-Objectives
- Improve the books donation distribution on the community.
  - Motivate people to read books and scientific research papers
  - Help people by providing summary for scientific research papers.
  - Develop a project that serve the community
  - Help people to find a source of information without paying money.
  - Improve the books donation distribution on the community

## 3 Methodology

### Requirement

- Requirement Doc.
- Prepare use Cases.

### Desings

- Software architecture.
- Map the stakeholders.

### Implementation

- Construct the software
- Data storage & retrievall

### Verification

- install.
- Test and Debug.

### Maintenance


- Check errors.
- Optimize capabilities.



## 4 Results

1 - Login

LOGIN REGISTER



Login System


User name

Password

[Log in](#)

### 1-Register

LOGIN REGISTER



Register System

User name:

First name:

Last name:

Email:


password:

Mobile:

[Register](#)

### 2-Edit Profile

Content Donations My contents Profile Logout



Edit Profile

First Name

Last Name

Email

Password

[Edit profile](#)

### 3- Admin show contents

All Contents

Title	Description	Status	Category	Member
c++	How to learn c++	Not accepted	Programming	mmms mmm
edit content	n description	Not accepted	Network	mmm mmm
aaa	aaa	Not accepted	Programming	mmms mmm

Attachment	KPI Check	Action	
Open	0	Accept	Delet
Open	20	Accept	Delet
Open	15	Accept	Delet

### 4- Member add new content

Add Content

Category

Title:

Description:

Keywords:

Attachment:  No file chosen

(PDF<3mb)

[Add Content](#)

## 5 Conclusion

In the End, E-Library is a web-based application that can be used at our Saudi Society to help the members to share knowledge with each other>s which returns the benefits for our Saudi People. The members can upload contents ( Books ) in PDF Format which facility the download process for these contents. Also, the members can upload Donations which are some contents but they didn't need it anymore, so after they upload the donations, the other members can contact the donation owner to agree with each other how to get the donation. There is a great feature at the application that speeds up the process of uploading the contents ( Books ) and the donations. Also, the application has the ability to analyze the uploaded pdf fast to check its content if it has any unwanted words it will not accept the book directly and make the decision of the accept for the admin

## 6 Future Work

In the future, we aim to develop a version of the smartphones ( the android and the IOS ). Also make the application multi-languages ( Arabic, English ). Also, we aim to upload the application on the internet to help the users to use it in real life in our society. Also, we aim to make the process of the content analyze fast and more accurate

## 7 References

- [1] Paul C. Jorgensen, «Software Testing: A Craftsman's Approach », 4th Ed., Auerbach Publications 2013, ISBN: 1466560681
- [2] <https://dp.la/>
- [3] <https://www.computer.org/csdl/home>
- [4] <https://cdlib.org/>
- [5] <https://sdl.edu.sa/sdlportal/en/publishers.aspx>
- [6] <https://library.kaust.edu.sa/page/electronic-collections>

## 8 Acknowledgment

First and foremost, we would like to present my deepest gratitude to Almighty ALLAH for his bounties and blessings and for giving us the ability to finish this project.

We would like to express our deep appreciation and our sincere gratitude to our supervisor Dr. Taher Alzahrani for his valuable advice guidance throughout this project.

Finally, we would like to thank our families and friends for continued encouragements and support during this project and along the years of study