INFORMATION REPOSITORY SYSTEM

CUSTOM PROJECT 2 : PROJECT REVIEW

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INTRODUCTION

This project's main idea was to implement a network based application for uploading and downloading required information for research and request for books, thesis, projects, journals, question banks etc, through online application.

OBJECTIVE

To create a website where study materials can be uploaded and downloaded hassle free.

To create a forum where students and faculties can interact with each other even after college hours.

PROBLEM STATEMENT OF PROJECT

In present scenario users need to go to library and search for required books and pay fine which is a manual process.

In order to overcome this problem, a repository system is needed in the CUTM Network.

ABOUT EXISTING PROJECT

This project aims to deal with the digitisation of the contents of the library and offer uploading and downloading of the contents such as books and other materials in addition with thesis, projects, journals, question banks etc, through online application.

PROBLEMS IN EXISTING PROJECT

Earlier, there used to be college library where students used to take and read the books for the limited time period and the students should return the books with in that time and it is also a big mess to the library administrator to manage the books in the library. And then the library system was digitised in the college but the contents of the library were not digitally available.

SCOPE OF PROPOSED PROJECT

Student and faculty can interact with each other such that the learning process does not halt altogether even after college hours. The materials can be downloaded into own personal computers for future references.

Furthermore, the users can also look for references of journals, thesis or other research materials.

FUNCTIONALITIES PROPOSED

- ✓A maximum number of materials are made available to each and every student and faculty and staff.
- ✓Student and faculty and staff can read the materials online at anytime and anywhere.
- ✓Student and faculty and staff have to login to their respective accounts.

FUNCTIONALITIES PROPOSED (CONT)

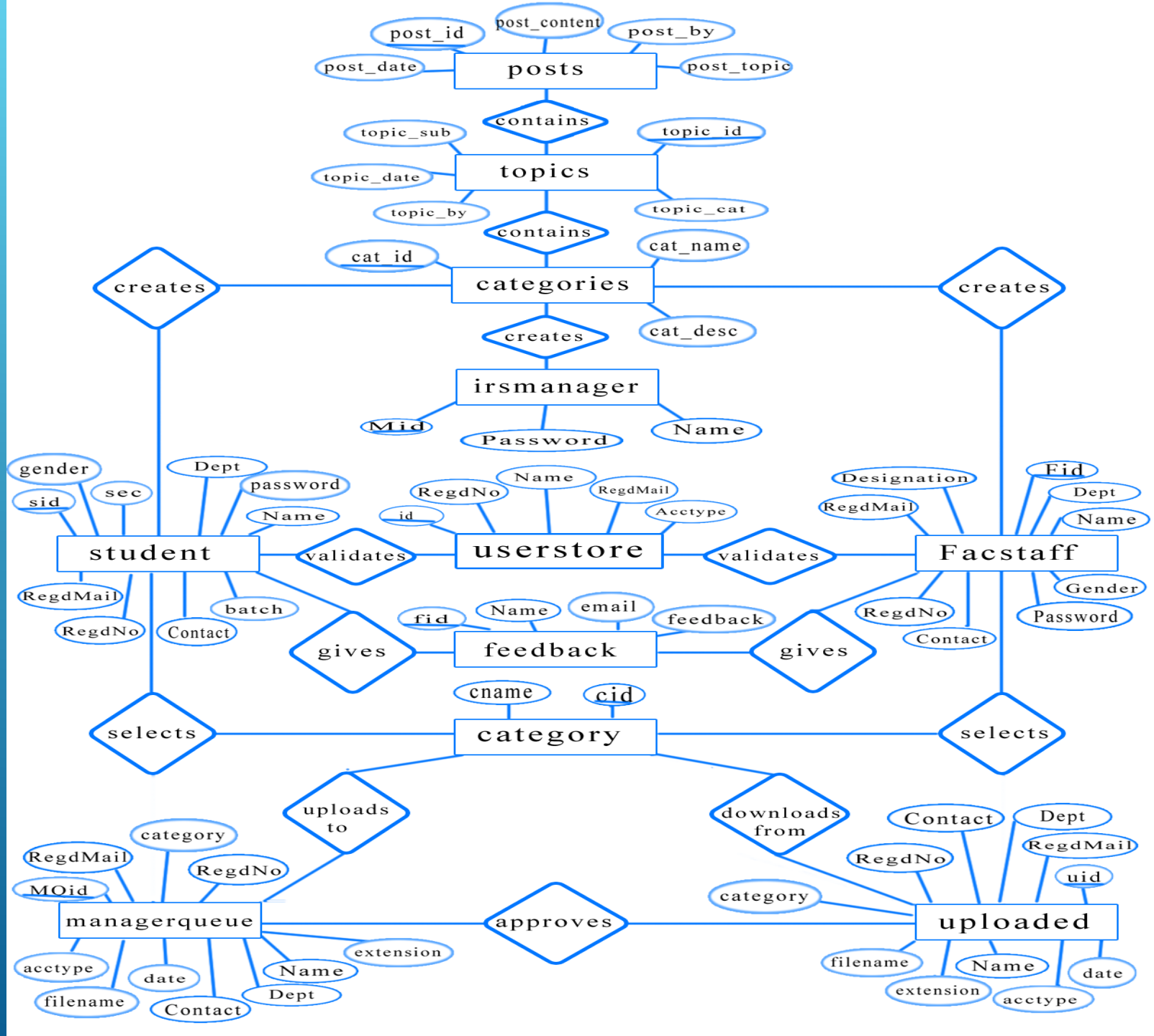
✓Student and faculty and staff can upload and download materials.

✓Student and faculty and staff can comment or take part in the online forum.

TECHNOLOGIES USED

Front End	:	HTML 5.0, JavaScript, CSS(Bootstrap)
Scripting Language	:	PHP
Web Servers	:	tomcat7 and apache
Backend	:	My SQL
Browser Program	:	Google Chrome

ENTITY RELATIONSHIP DIAGRAM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post_content
post_by
post_date
posts
post_topic
contains
topic_sub
topic_id
topic_date
topics
topic_by
topic_cat
contains
cat_id
cat_name
creates
categories
creates
creates
cat_desc
irsmanager
Mid
Password
Name
gender
Dept
password
sid
sec
Name
RegdNo
Name
RegdMail
id
Acctype
Designation
Fid
RegdMail
Dept
Name
student
validates
userstore
validates
Facstaff
RegdMail
batch
Gender
RegdNo
Contact
fid
Name
email
feedback
RegdNo
Password
gives
feedback
gives
Contact
cname
cid
selects
category
selects
uploads to
downloads from
Contact
Dept
category
RegdMail
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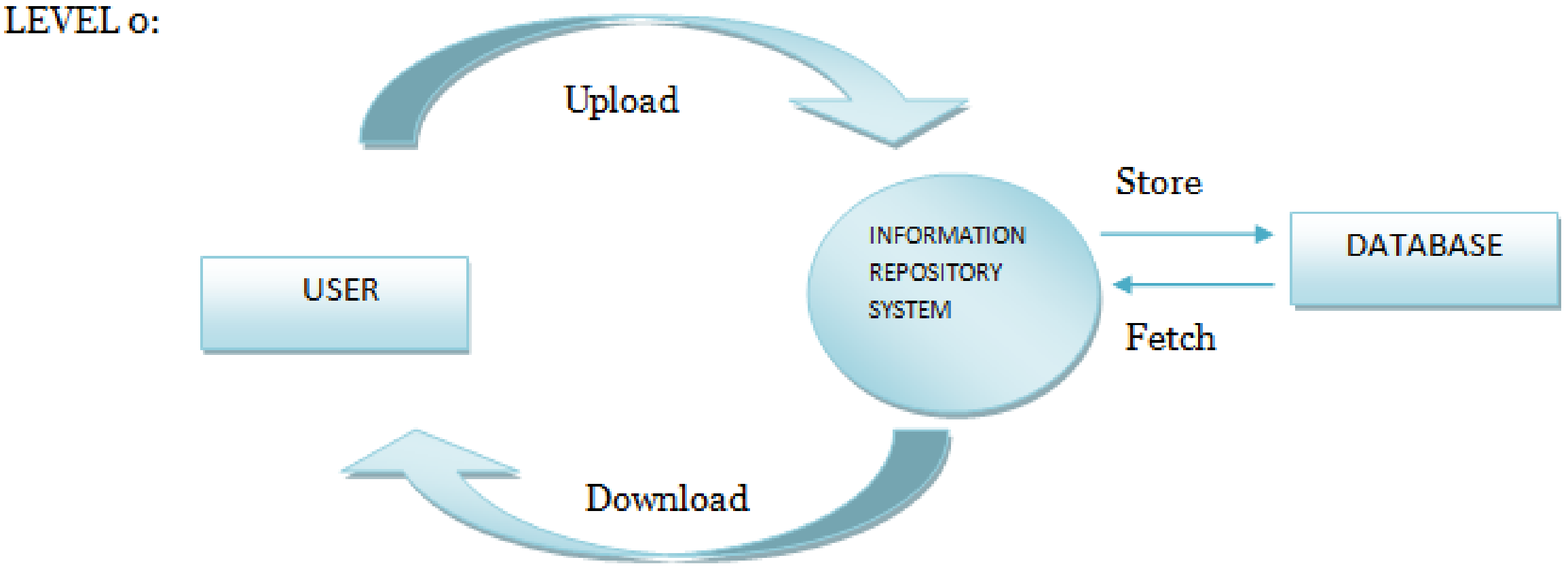
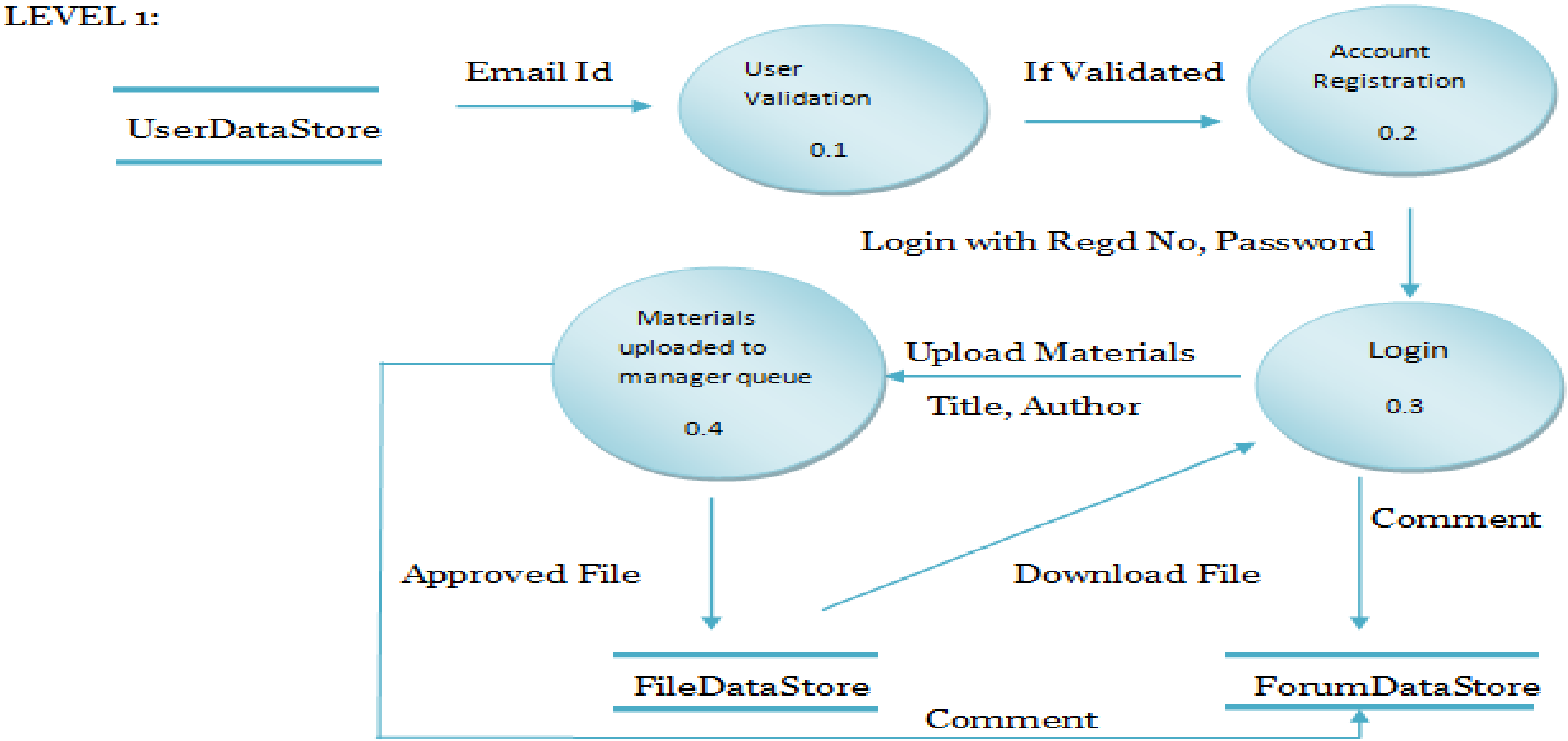
DATA FLOW DIAGRAM

LEVEL 0

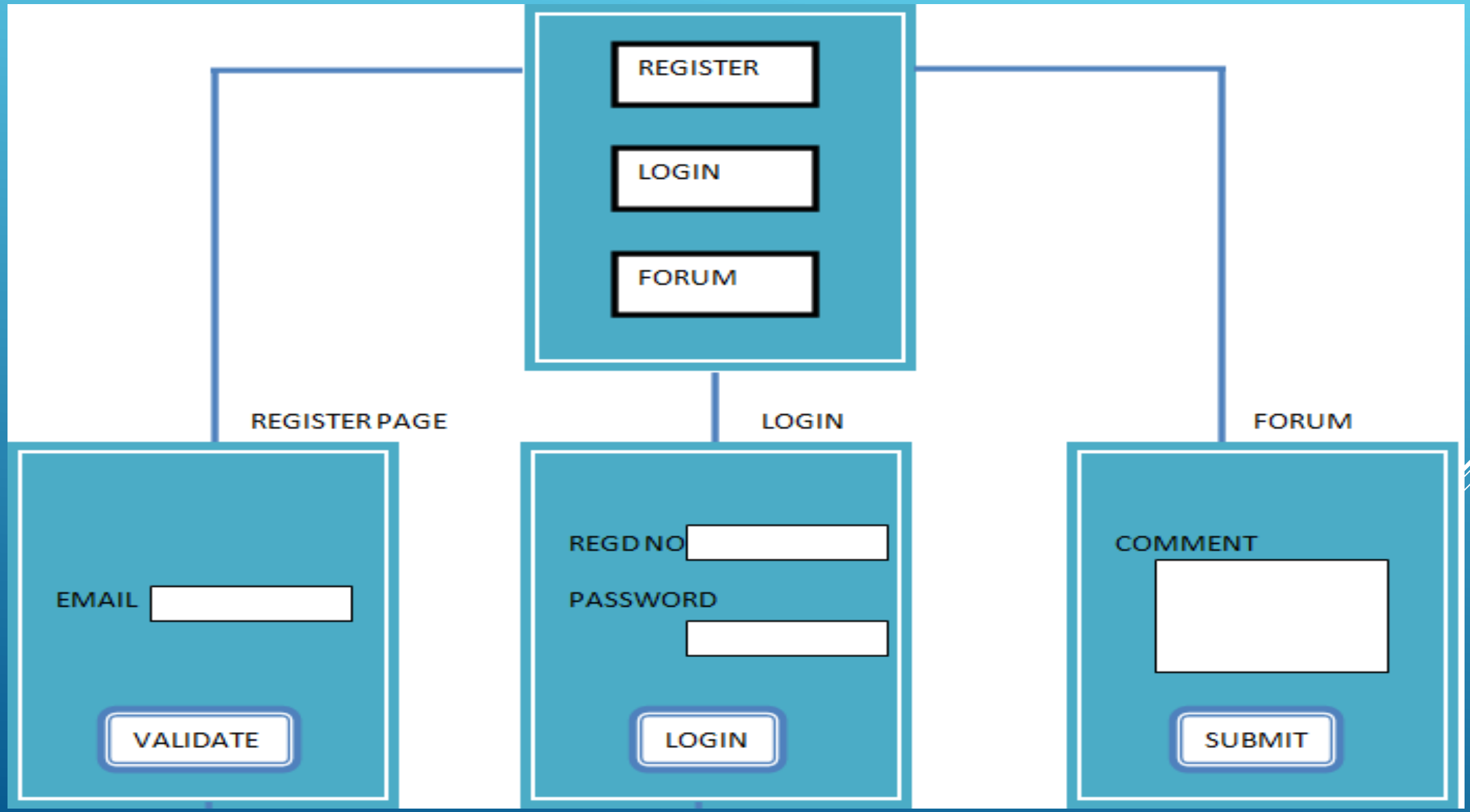

LEVEL o:
Upload
Store
INFORMATION
REPOSITORY
SYSTEM
DATABASE
USER
Fetch
Download

LEVEL 1

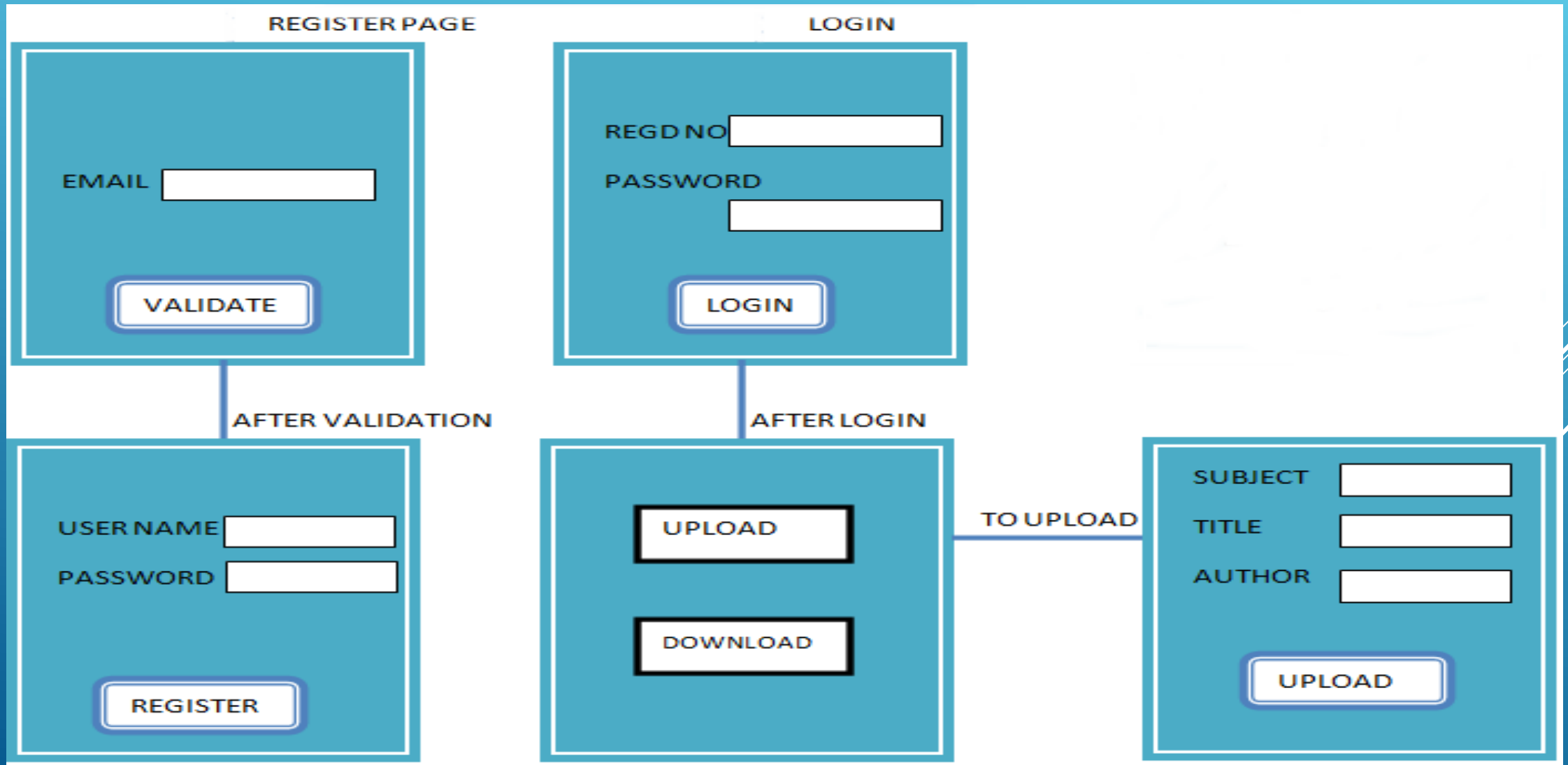

LEVEL 1:
UserDataStore
Email Id
User Validation
0.1
If Validated
Account Registration
0.2
Login with Regd No, Password
Materials uploaded to manager queue
0.4
Upload Materials
Title, Author
Login
0.3
Approved File
Download File
Comment
FileDataStore
ForumDataStore
Comment

USER INTERFACE ARCHITECTURE

INDEX , VALIDATION & FORUM PAGE



REGISTER, LOGIN, UPLOAD AND DOWNLOAD PAGE



CONCLUSION

This project dealt with the digitization of the contents of the CUTM Library. This project is developed strictly according to the feedback given to the team during requirement gathering phase of this project.

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- ✓http://www.tutorialspoint.com/sql/
- ✓http://www.webreference.com/programming/php/search/index.html
- ✓http://www.openoasis.org/index.php?option=com_content&view=article&id=161&Itemid=354
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- ✓https://www.youtube.com/watch?v=KGmEZY6DBhw
- ✓http://nptel.ac.in/

THANK YOU