“Leqaa Platform “

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12-JAN-2020

Version 1.0.0

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INTRODUCTION

PURPOSE

Create a scientific electronic platform to serve researchers and authors of studies,It serves researchers by publishing their research and looking at other research,In addition, it works on networking between researchers

INTENDED AUDIENCE AND PERTINENT SECTIONS

Researchers: Those who publish their research and see other research.
Students: who need information that can be obtained from researchers who have published research.
University professors: who can provide information to researchers through their experience.

PROJECT SCOPE

It will cover the academic, research and scientific aspect and everyone who is interested in learning about scientific events

DOCUMENT CONVENTIONS

Describe any naming or structural conventions employed throughout document and how they benefit reader.******

REFERENCES

1- React.org:libare uses a bilding a websait
2- mongodb.com : use a database
3- expressjs.com :express – nodejs web Appliction Framework
4- W3school.com
5- Medum

DESCRIPTION

PRODUCT PERSPECTIVE

It is a website that serves students, teachers and researchers, and it links networks between researchers, students and teachers, and provides consultations to researchers.

FEATURES

Site registration: where the user can register and create an account
Entry: where no one can enter the nation had an account on the site
Added: the ability to add to the search and the researcher can add his research or amend the profile
Search: enables the user to search for the search or the person they want through the site
The user can post a job posting
The user can post questions

USER OVERVIEW

It enables users who want to see the latest projects and research through the site

OPERATING ENVIRONMENT

react js
express js
mongo db

CONTRAINTS: IMPLEMENTATION / DESIGN

-You enter the site after registration
-Prepare the profile
-The user can upload his research
-Data can be recovered from mongo db

DOCUMENTATION

The website: helps researchers to see researches, scientific publications and projects, and also helps in

networking between researchers.
Tashishni business model is based on advertisements .

ASSUMPTIONS / DEPENDENCIES

- crash the server which hosted the project
- connection speed maybe effect on platform design and speed to get results from external API
- any problems in external API maybe effect on the platform

Dependencies:
Finish to Start:
- finish register to start login
- Browsing, editing and adding

Finish To Finish:
Upon completion, the exit is finalized

Start To Finish:
-login by your account to start managing your business

SYSTEM FEATURES

SYSTEM FEATURE 1

DESCRIPTION AND PRIORITY	He can enter his address and set up his profile and specials
STIMULUS / RESPONSE SEQUENCES	Open the site - Click the Register button if you are not subscribed - Log in via the login page - You go to the main page where you can add a search or post
FUNCTIONAL REQUIREMENTS	-Enter the scientific specialty -To be interested in scientific research and projects

SYSTEM FEATURE 2

DESCRIPTION AND PRIORITY	The person can be a university professor who provides advice to those working on research
STIMULUS / RESPONSE SEQUENCES	Open the site Click Add Post: you can publish an article or a research paper - Click on the profile: You can edit the profile - Click on the message: You can send a message
FUNCTIONAL REQUIREMENTS	When using the search bar it recovers the results from the database

REQUIREMENTS OF EXTERNAL INTERFACE

USER INTERFACES

Web App

1- Dashboard page include:

1-Add research:You can add research, research paper or project

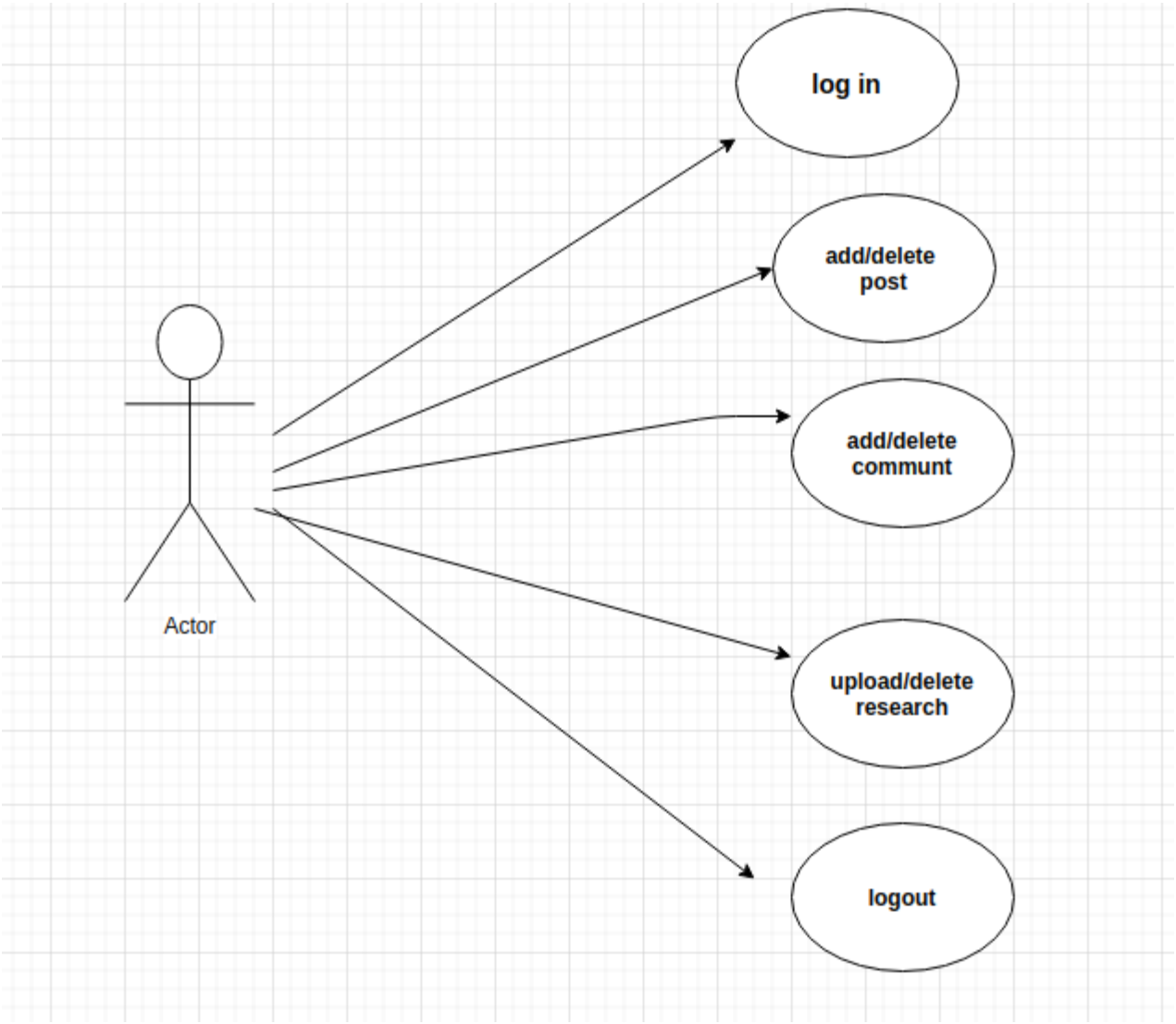
2-Profile personly :You can edit the profile

3-Post Post: You can post to the home page

4-Message: You can send a message

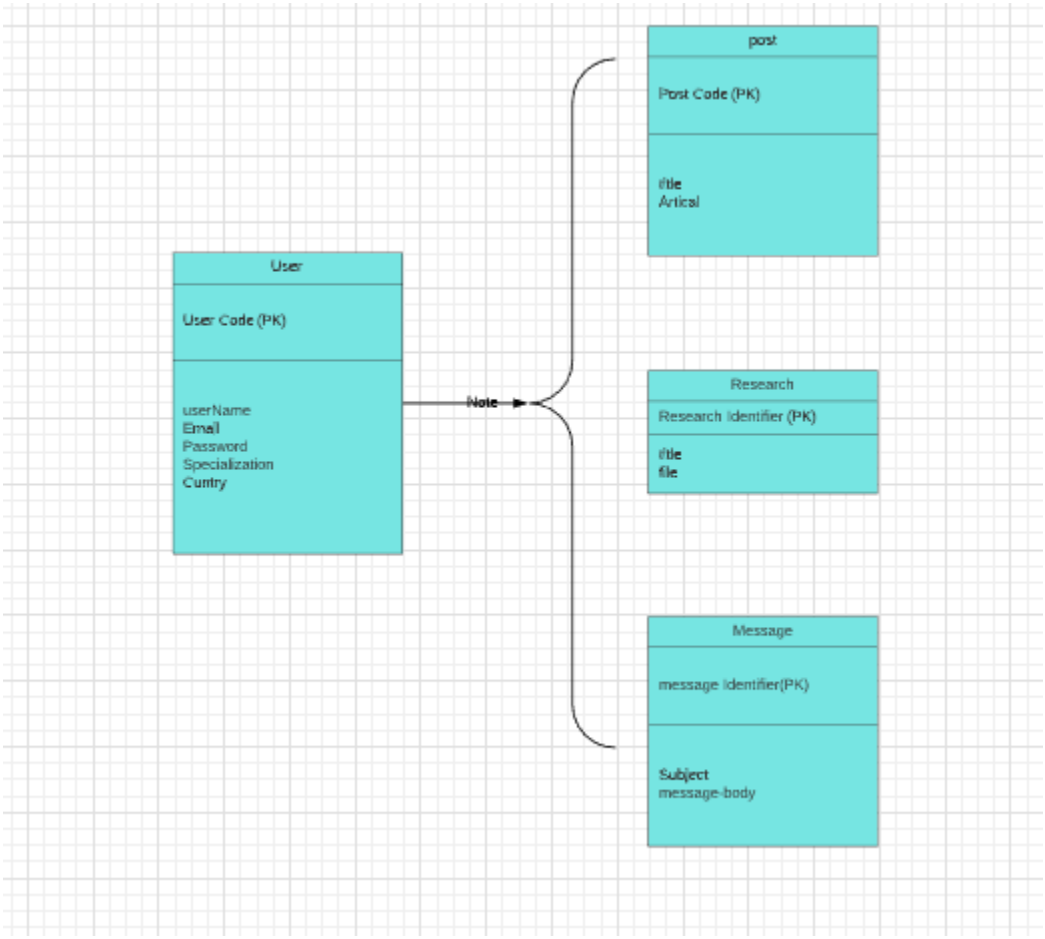
Use Case Diagram

example:



Database Design

database example:



HARDWARE INTERFACES

- Any device which has a web browser

SOFTWARE INTERFACES

- MongoDB
- Axios
- Reactjs
- NodeJS
- ExpressJS

COMMUNICATION INTERFACES

- The site will be uploaded to Hiroko.

- The user can log in via the browser.

ADDITIONAL NONFUNCTIONAL REQUIREMENTS

PERFORMANCE

-The user can enter and work on the site easily

SECURITY

-The encrypted password is stored in the Data Base

-Using an algorithm MD5