



Full Stack Courses

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REVISION HISTORY			
DATE	VERSION	DESCRIPTION	AUTHOR
30/10/2019	1.0.0	Full stack courses Web Application for developer and none developer to start learning programming language with suitable online courses.	1. Abeer Jaafreh 2. Hadeel Flief 3. Ayham zaid 4. Ammar zyoud
16/12/2019	1.1.0	Add some of feature to our project	1. Abeer Jaafreh

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INTRODUCTION

PURPOSE

The goal of the website: To help developers and beginners to start learning programming language with suitable online courses, with some specification as pay or free, blog or video and skill level of course.

INTENDED AUDIENCE AND PERTINENT SECTIONS

Developers and beginners `.

PROJECT SCOPE

The developers and beginners going to learning programming language with different features.

REFERENCES

- 1- <https://reactjs.org/docs/getting-started.html>
- 2- <https://stackoverflow.com/>
- 3- <https://github.com/>
- 4- <https://getbootstrap.com/>
- 5- https://www.mongodb.com/cloud/atlas/lp/general/try?utm_source=google&utm_campaign=gs_footprint_row_search_brand_atlas_desktop&utm_term=mongodb%20atlas&utm_medium=cpc_paid_search&utm_ad=e&gclid=EAlaIQobChMI9fWQgd395glVio2yCh1VdgPhEAAyASAAEgKV3PD_BwE

DESCRIPTION

PRODUCT PERSPECTIVE

Our goal is to make it easier to learn programming language for the developer and the beginners and gain the knowledge from the courses.

FEATURES

- Users post a tutorial for specific programming language
- Admin accept the post and publish it in home page or reject it
- Users can find many of tutorials for programming languages with its documentation
- Users can update post and add it to favorite
- Establish website with a few members team and then we can transfer to the startup company.

USER OVERVIEW

Users can have many actions to do in the website such as: adding tags and tutorials with different type of features.

OPERATING ENVIRONMENT

The web site will be available on all web browsers, all OS and will be fully mobile responsive.

DOCUMENTATION

This document describes the website and some information about the expectation from it.

SYSTEM FEATURES

SYSTEM FEATURE 1

DESCRIPTION AND PRIORITY	The website maintains information about programming language which can be paid or free, blog or videos and 3 level of skills.
STIMULUS / RESPONSE SEQUENCES	Users post a tutorial for specific programming language
FUNCTIONAL REQUIREMENTS	User can post tutorials and add tags

SYSTEM FEATURE 2

DESCRIPTION AND PRIORITY	Admin should accept the tutorials which added by users.
STIMULUS / RESPONSE SEQUENCES	Admin check the post and added the post to home page.
FUNCTIONAL REQUIREMENTS	Admin accept the post and publish it in home page or reject it

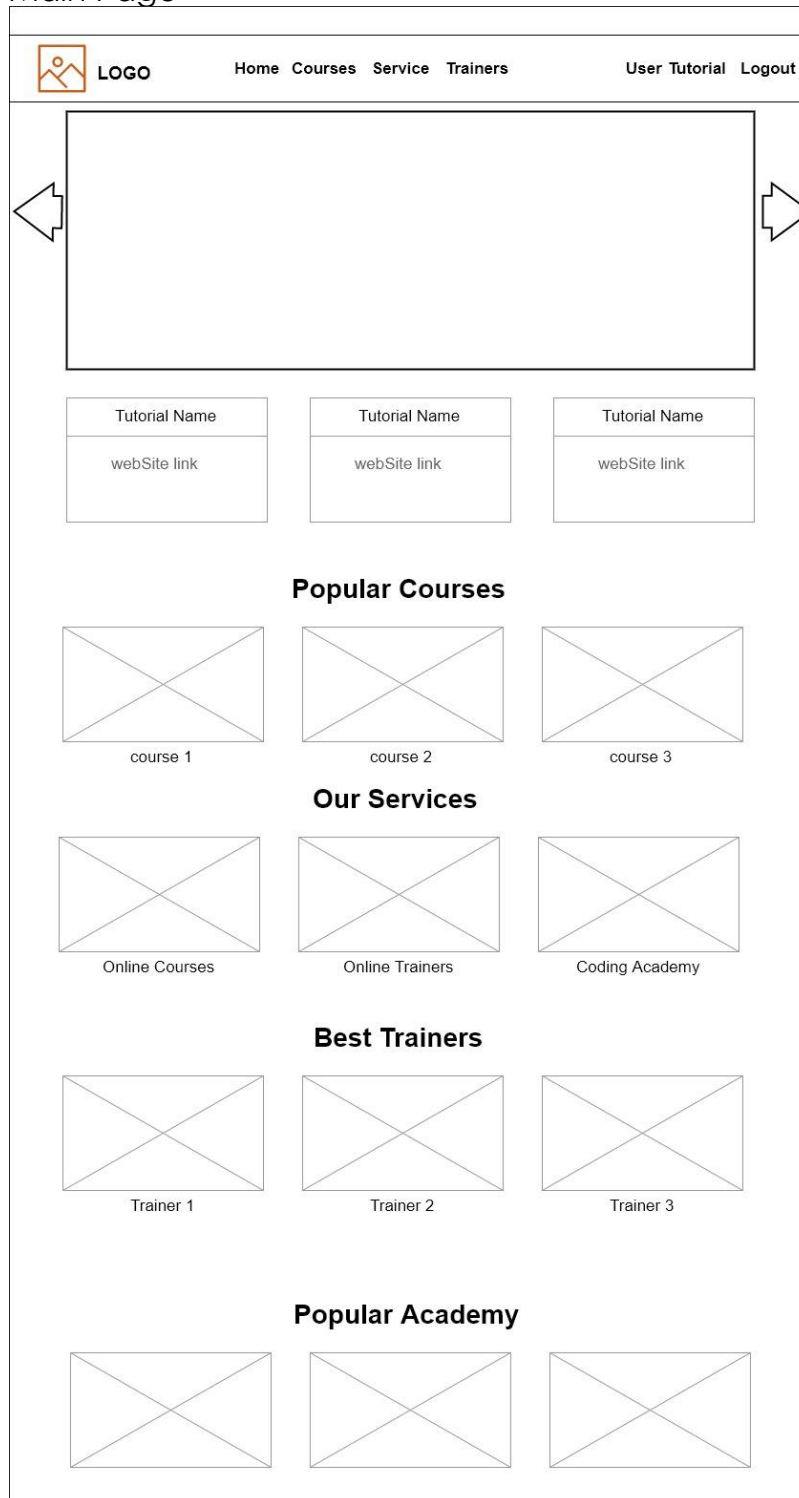
REQUIREMENTS OF EXTERNAL INTERFACE

USER INTERFACES


The user interface of the website simple and easy to use.

- It's include the landing page that have the NavBar which include many of sections.

- Main Page



- Courses Page

 **LOGO**

[Home](#) [Courses](#) [Service](#) [Trainers](#)

[User Tutorial](#) [Logout](#)

Popular Courses


course 1


course 2


course 3


course 4


course 5

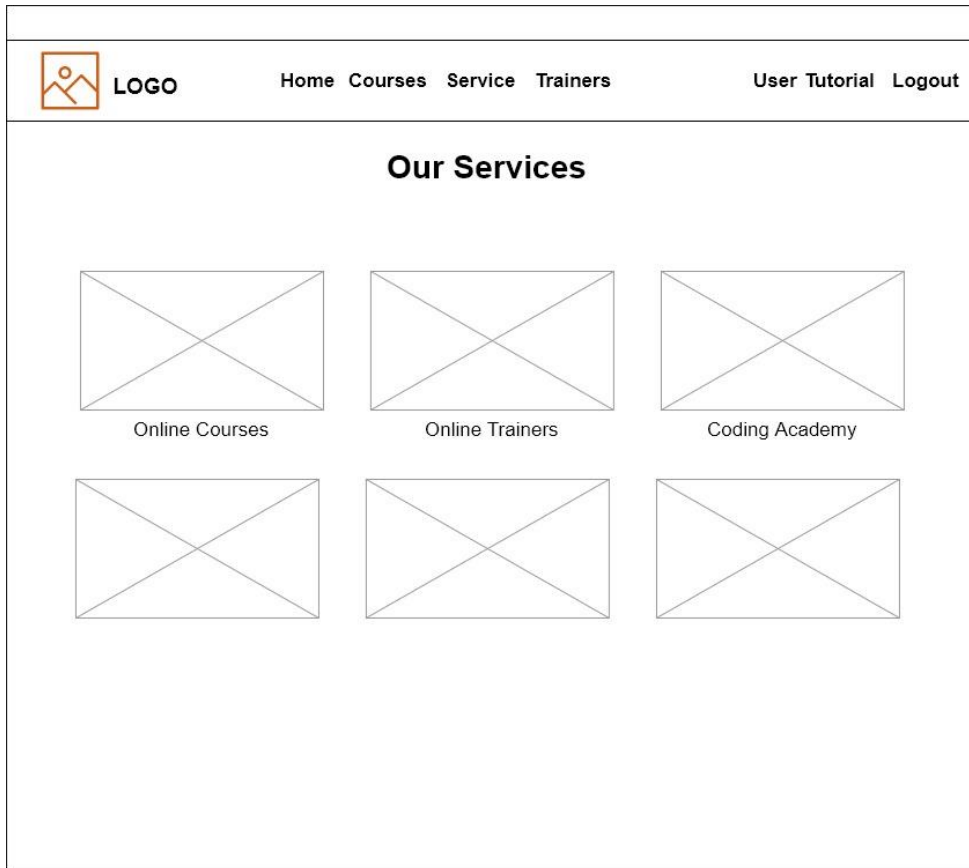

course 6


course 7

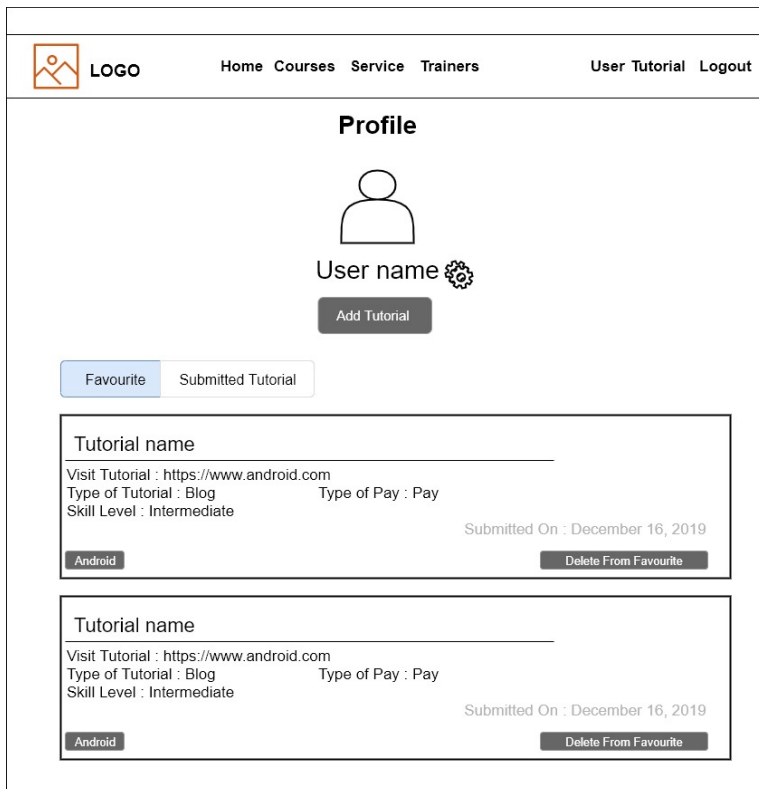

course 8


course 9

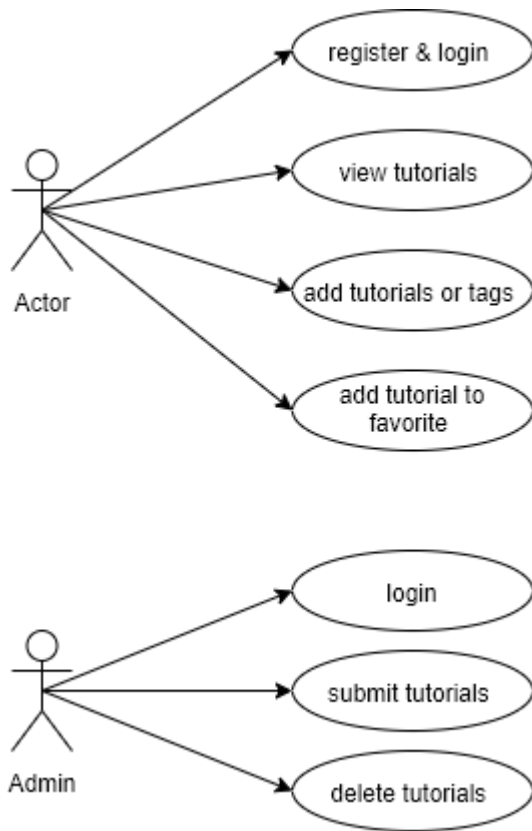
- Our services



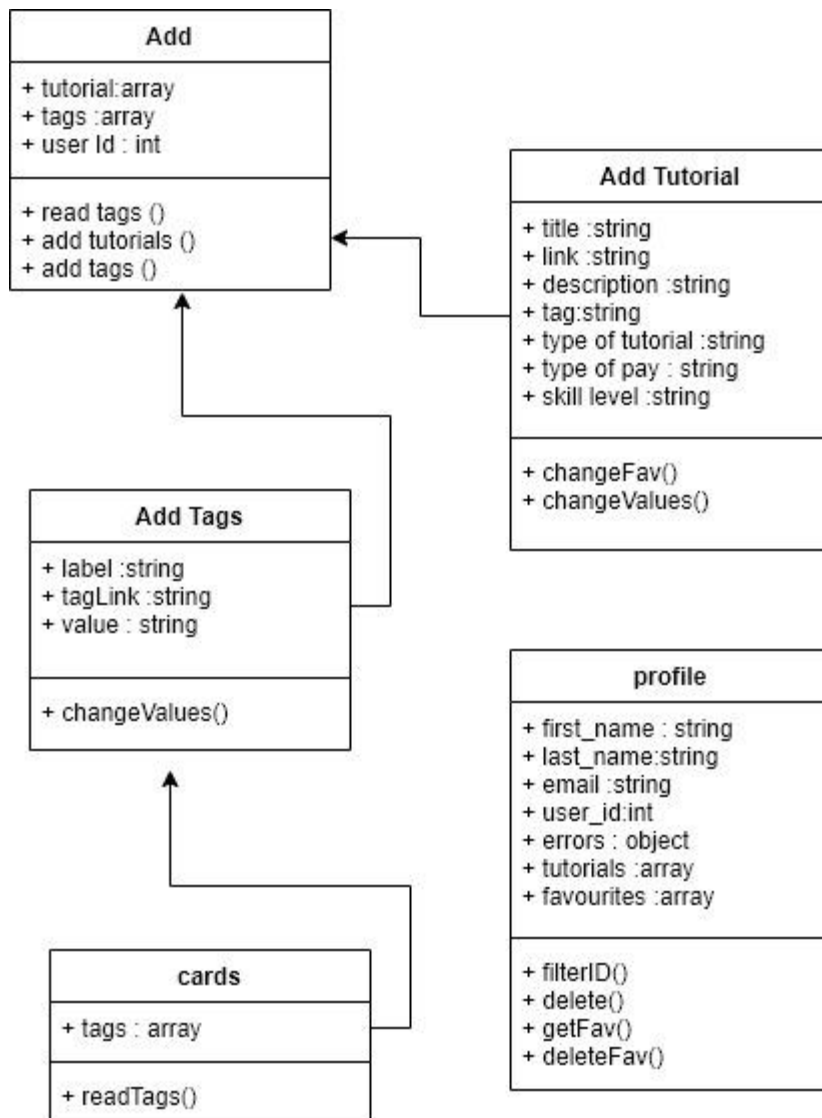
- Profile



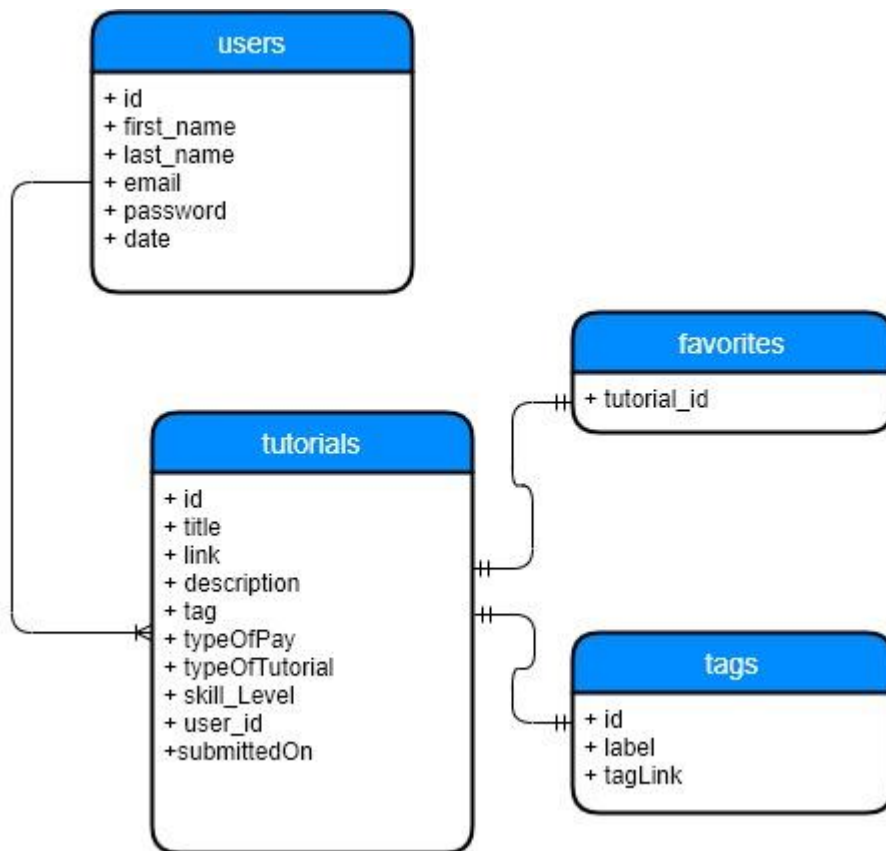
Use Case Diagram



Class Model



Database Design



HARDWARE INTERFACES

Windows 10
Visual Studio Code
MongoDB

SOFTWARE INTERFACES

The website built using **MERN** Stack (MongoDB, Express, React, Node Js)
And **Mongo Atlas** to upload it on server

COMMUNICATION INTERFACES

The website supports all types of web browsers, we are using simple electronics forms for entering data.

ADDITIONAL NONFUNCTIONAL REQUIREMENTS

PERFORMANCE

- The website is easy to use.
- The clarity of using website to look for programming language

SAFETY

- The password for each user should has at least 8 characters and mix between numbers, letters and special characters.
- Backup the database to avoid any problems in the future

SECURITY

- Validation for each input
- Defense for hackers attack

SOFTWARE QUALITY

- Usability : the website should satisfy maximum number of customer needs