

North South University



Department of ELECTRICAL AND COMPUTER SCIENCE
PROJECT REPORT
COURSE: CSE-482 LAB
SECTION-07

SUPERVISED BY: M. ARIFUR RAHMAN

DESIGNATION : ADJUNCT FACULTY, DEPARTMENT OF ECE,
NORTH SOUTH UNIVERSITY

LAB INSTRUCTOR: ASIF AHMED NELOY

EMAIL: ASIF.NELOY@NORTHSOUTH.EDU

SUBMITTED BY-

NAME	ID
SARHAN OSMAN BHUIYA	1611008042

COURSE DESCRIPTION

To introduce a student with the modern web development techniques in order to develop state-of-the-art web applications and that can be scalable with ease. The course provides a comprehensive overview of both front-end and back-end technologies like HTML5, CSS3, JavaScript, PHP and MYSQL. Upon completing the course, a learner will have a concise understanding of server- side and client-side programming knowledge.

PROJECT PLAN

The purpose of the Project Plan is to document all managerial aspects of a project that are required to execute it successfully within its constraints. If some aspects are defined in separate plans (e.g. Quality Assurance Plan, Configuration Management Plan, Risk Management Plan, Project Schedule), the Project Plan should refer to these documents.

PROJECT GOALS

The project goals define the expected project results together with the required development constraints. Information may be extracted from the Project Proposal (or the Feasibility Study Report) and the Project Requirements Specification and completed if required.

- i. Identify the various categories of project goals (list the major project goals only and refer to the Project Requirements Specification or other documents for details). Consider the following categories
- ii. Functional goals
- iii. Strategic goals
- iv. Business goals (e.g.: time-to-market, cost)
- v. Technological goals
- vi. Quality goals
- vii. Organizational goals (e.g. competence development, testing of new methods, techniques, or tools, application of new processes, etc.)
- viii. Other goals, e.g.: usability, portability, etc. (these goals, and what is specifically expected, should be clearly specified in the Project Requirements Specification)
- ix. Constraints (e.g.: environmental constraints, application specific standards, national standards, cultural relationships, etc.)

PROJECT EXPLANATION

The code and fix model probably is the most frequently used development methodology in software engineering. It starts with little or no initial planning. You immediately start developing, fixing problems as they occur, until the project is complete.

Code and fix is a tempting choice when you are faced with a tight development schedule because you begin developing code right away and see immediate results.

Unfortunately, if you find major architectural problems late in the process, you usually have to rewrite large parts of the application. Alternative development models can help you catch these problems in the early concept stages, when making changes is easier and less expensive. The code and fix model is appropriate only for small projects that are not intended to serve as the basis for future development.

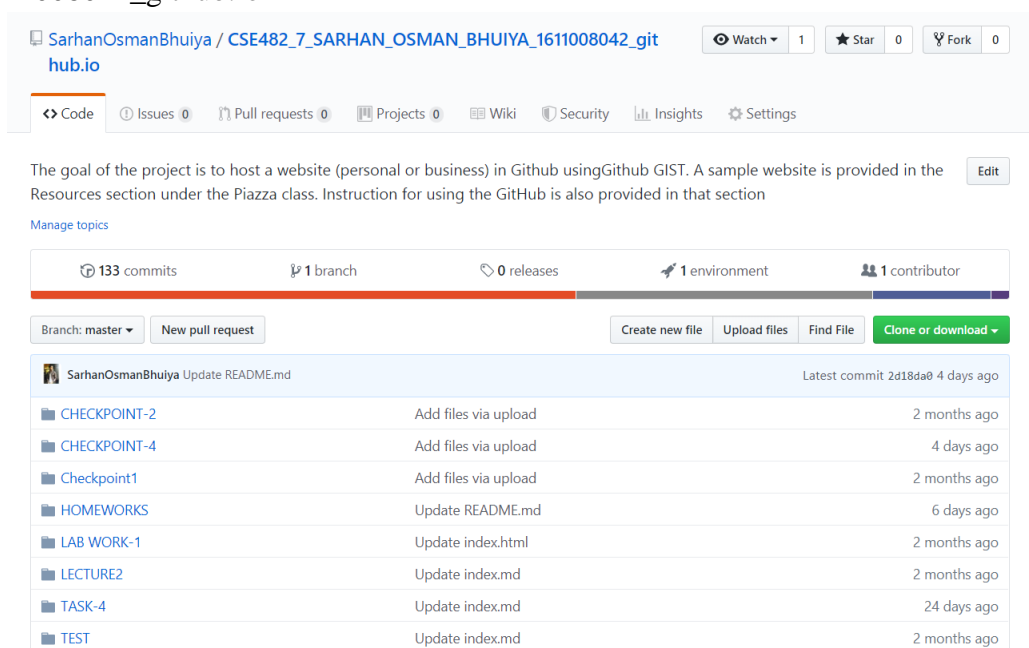
SE ANALYSIS

CODE AND FIX MODEL: The code and fix model probably is the most frequently used development methodology in software engineering. It starts with little or no initial planning. The code and fix model is appropriate only for small projects that are not intended to serve as the basis for future development.

TECHNICAL ANALYSIS

GITHUB: GitHub is a Git repository hosting service, but it adds many of its own features. After creating a repository in GitHub we can host it by using GIST.

- https://sarhanosmanbhuiya.github.io/CSE482_7_SARHAN_OSMAN_BHUIYA_1611008042_github.io



SarhanOsmanBhuiya / CSE482_7_SARHAN_OSMAN_BHUIYA_1611008042_github.io

Watch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Security Insights Settings

The goal of the project is to host a website (personal or business) in Github using Github GIST. A sample website is provided in the Resources section under the Piazza class. Instruction for using the GitHub is also provided in that section

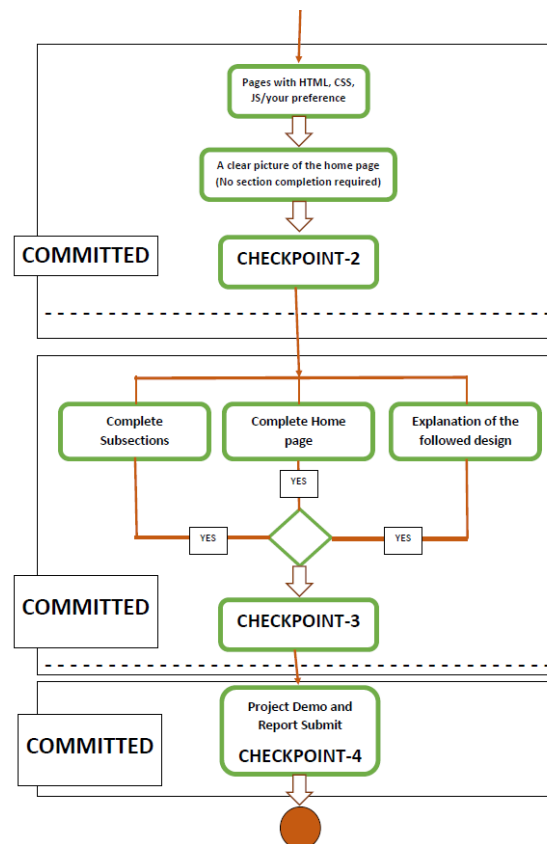
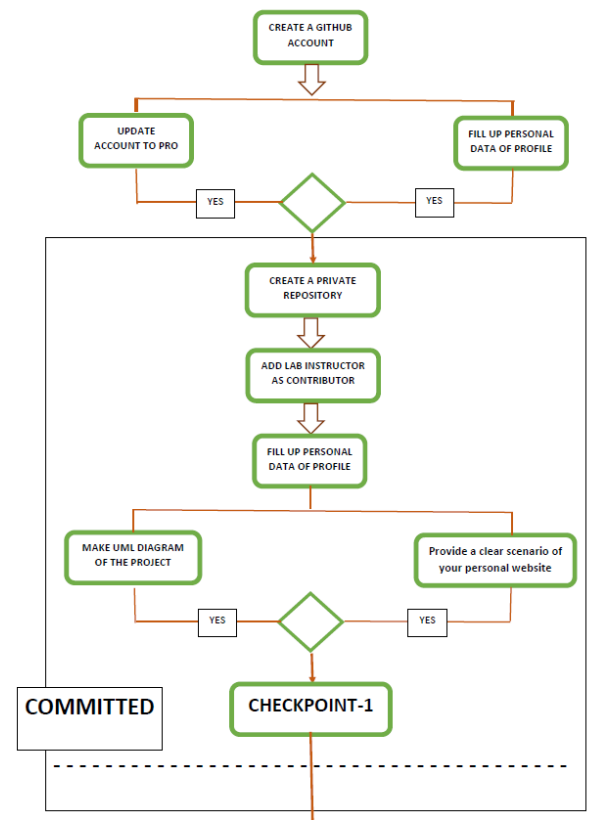
Manage topics

133 commits 1 branch 0 releases 1 environment 1 contributor

Branch: master New pull request Create new file Upload files Find File Clone or download

SarhanOsmanBhuiya Update README.md		Latest commit 2d18da0 4 days ago
CHECKPOINT-2	Add files via upload	2 months ago
CHECKPOINT-4	Add files via upload	4 days ago
Checkpoint1	Add files via upload	2 months ago
HOMEWORKS	Update README.md	6 days ago
LAB WORK-1	Update index.html	2 months ago
LECTURE2	Update index.md	2 months ago
TASK-4	Update index.md	24 days ago
TEST	Update index.md	2 months ago

UML DIAGRAM



LANGUAGE ANALYSIS


- **HTML-5**--HTML 5 is a software solution stack that defines the properties and behaviors of web page content by implementing a markup based pattern to it.
- **CSS-3**--Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language like HTML.
- **BOOTSTRAP**--Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development.
- **PHP**-Hypertext Preprocessor is a general-purpose programming language originally designed for web development.
- **SQL**--SQL is a domain-specific language used in programming and designed for managing data held in a relational database management system, or for stream processing in a relational data stream management system.

APPLICATIONS

The languages used to make my portfolio can be used to make all kinds of website.


- **Brochure**-the simplest type of website
- **E-commerce**-Pay for a product or service online.
- **Portal**-brings together information from lots of different sources
- **Wiki**-allows people to collaborate online and write content together
- **Social media**- sharing of images or ideas.
- **Landing Pages**
- **Personal Websites.** ...
- **Photo Sharing Websites.** ...
- **Writers / Authors Websites.** ...
- **Community Building Websites.** ...
- **Mobile Device Websites.** ...
- **Blogging Websites.** ...
- **Informational Websites.** ...
- **Online Business Brochure/Catalog Websites.**

PROJECT WEBSITE (PERSONAL PORTFOLIO)



NORTH SOUTH UNIVERSITY
DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING

CSE482L: Internet and Web Technology
Lab Summer 2019
Faculty Member: Dr. M. Arifur Rahman (MAh1)
Lab Instructor: Asif Ahmed Nelooy
Office Room: TBA
Email: asif.nelooy@northsouth.edu
Office Hours: Monday (M) 12:00 pm – 1:30 pm Wednesday (W) 12:00 pm – 1:30 pm
Class Hours: Sunday (S) 2:40 pm – 5:50 pm
Classroom: LIB605
Piazza Access Code: [cse482aan](#)

STUDENT'S INFORMATION
SARHAN OSMAN BHUIYA
ID: 1611008042
Email: sarhan.osman@northsouth.edu
Phone Number: 01705679616

Expert in HTML-5, CSS-3, BOOTSTRAP, PHP and JAVA. SCRIPT.
Working on web pages for 2 years.
Made 50+ web pages for different clients on Freelancer Platform.

Course Description
To introduce a student with the modern web development techniques in order to develop state-of-the-art web applications and that can be scalable with ease. The course provides a comprehensive overview of both front-end and back-end technologies like HTML5, CSS3, JavaScript, PHP and MYSQL. Upon completing the course, a learner will have a concise understanding of server-side and client-side programming knowledge.

Project Plan
The purpose of the Project Plan is to document all managerial aspects of a project that are required to execute it successfully within its constraints. If some aspects are defined in separate plans (e.g. Quality Assurance Plan, Configuration Management Plan, Risk Management Plan, Project Schedule), the Project Plan should refer to these documents.

Project Goals
The project goals define the expected project results together with the required development constraints. Information may be extracted from the Project Proposal (or the Feasibility Study Report) and the Project Requirements Specification and completed if required.

LAB WORK AND HOMEWORKS

CONTENT	LINKS	DATE
Homework-1 with Screen Shots	HOMEWORK-1	30/06/19
Task2 pdf content written in HTML in the file Lecture2	LECTURE-2	30/06/19
A Clear Scenario of my Personal Website (Sections, Contains, Tool's toy going to use) AND A UML Diagram of the project.	CHECKPOINT-1	30/06/19
Sample Assignment Submission Page	HOMEWORK-2	05/07/19
Pages with HTML, CSS, JS A Clear Picture of the Home Page UPDATED UML DIAGRAM	CHECKPOINT-2 (PART-1) CHECKPOINT-2 (PART-2)	07/07/19
CALCULATOR(JAVA SCRIPT AND CSS)	HOMEWORK-3	10/07/19
Completed Subsections Completed Home Page Explanation of the Followed Design	CHECKPOINT-3	21/07/19
TASK-4(PHP and SQL)	HOMEWORK-4 (TASK-4)	01/08/19
Registration Form using SQL and PHP	HOMEWORK-5	18/08/19
Project Demo and Report Submit	CHECKPOINT-4	28/08/19

THANK YOU
SARHAN OSMAN BHUIYA
ID-1611008042
Logo | Privacy © 2019 Sarhan Osman Bhuiya. All rights reserved.

CONCLUSION

The modern web development techniques in order to develop state-of-the-art web applications and that can be scalable with ease. A comprehensive overview of both front-end and back-end technologies like HTML5, CSS3, JavaScript, PHP and MYSQL.