Extract from Portfolio Instruction PDF (as of version 22/10/2020)

Given portfolio has four distinctive tasks to complete, combining various stages of Project Development Life Cycle such as analysis, planning, and development to implementation.

Task - 1: A project proposal
A document, with the project idea, research planning. Students were asked to come up with a business idea for their intended business website, this stage, student has to conduct the market research for the chosen idea and populate a document with Project initiation, project goal & objectives, also an initial plan how to carry out the process.

Task - 2: The project (website)
This process starts with designing the mockup / layout of the site structure, creating / gathering site assets such as images, audio, video / site data etc. Once this completed student than has to convert this logical design (site layout / mockup) to Physical design implementation.

TASK - 3: Presentation
This process involves with creating a documentation / presentation on the actual process using any presentation software.

TASK - 4: Knowledge Questions
This process tends to assess student's understanding (mostly theoretical) on the various elements/ technologies / concept of the project development.

The observation will be a continuous process over the period during your visits to ELATT for training and lab. You will be observed carrying out specific tasks by me (**Subrata Chakraborty**).

Task -1: Project Proposal

The objective of the website is to make available several resources for accessing information on space exploration and astronomy. Guest visitors will be invited to register to the website to gain access to all the facilities on the website after viewing the Home page.

Featured facilities will include:

1. Home page
    a. This page will act as the gateway to all the available features on the website
    b. It will include:
        i. A header section at the top of the page to include:
            - Logo panel – to be displayed on all webpages
            - Navigation panel – that changes with the current page
        ii. A carousel section – with images loaded dynamically from various sources
        iii. A navigation panel on the left for features displayed on the Home page
        iv. A large central panel for features displayed on the Home page
        v. A navigation panel on the right for features displayed on separate webpages
        vi. A footer section at the bottom of the page to include:
            - To be displayed on all webpages
            - MORE RESEARCH REQUIRED
2. About page: *Displayed on central panel of Home page*
    a. Brief description of the website and some of the technologies deployed in its construction
3. Contact page: *Displayed on a separate webpage*
    a. Offers a contact form for registered users to submit queries to site admin
4. Login page: *Displayed on a separate webpage*
    a. Webpage to accept and validate user login details
5. Register page: *Displayed on a separate webpage*
    a. Webpage to accept registration details of Guest users
6. Hubble telescope page: *Displayed on a separate webpage*
    a. MORE RESEARCH REQUIRED
7. NASA History page: *Displayed on a separate webpage*
    a. MORE RESEARCH REQUIRED
8. SpaceX page: *Displayed on a separate webpage*
    a. MORE RESEARCH REQUIRED
9. Telescope page: *Displayed on a separate webpage*
    a. MORE RESEARCH REQUIRED
10. Blog page: *Displayed on a separate webpage*
    a. Webpage to offer registered users blogging activities in connection with site content

Task – 2.1: The project website wireframes

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Task – 2.2: The project website mock-ups

Task – 2.3: The project website images

Task – 2.4: The project website data

Task – 2.3: Design implementation