Colegio de Colegio de San Juan de Letran
Intramuros, Manila

College of Engineering and Information Technology
Information Technology Department

FINAL EXAMINATION
IIT406 – Computer Programming 3
1st Semester, AY 2024-2025
Asst. Prof. Maria Luisa M. Carlos

LEARNING OBJECTIVES:
LO1: To describe the basic structures of HTML and CSS.
LO2: To solve programming problems using programming techniques in HTML, CSS and Java Script..
LO3: To analyze problems and design appropriate solutions.
LO4: To create documentation and build responsive websites.

TASKS:

Create a **website** and upload it by using **free web hosting like 000webhost, microsoft azure, etc**. Please be guided on the following final project requirements:

1. Do the following to create a r**esponsive website** named it as "**Home.html"**:

   a. Create a **header** that includes the following:

   b. Create a **sidebar navigation buttons with icons** that include the topics from the given list. It should also include the following:
   - Gallery
   - Log-In
   - Contact Us

Note: Provide the corresponding details like **pictures and descriptions** and acknowledge the
   a. **sources** used.

   c. Create a **responsive Video Gallery page** named it as "**VideoGallery.html** that Includes **eight** videos relevant to the menu .

   d. Create a **Login page** and name it as "**LogIn.html**". The username is **IIT406** and the password is **LETRAN**. All credentials must have validation. Reuse your midterm exam project. Make sure when you click the **Submit** button it will redirect to the **personal home page.**

   e. Create a **Contact Us page** named it as "**ContactUs.html**. Include **validation**

for first name, last name, email address, comment, and submit button. Make sure when you click the **Submit** button it will redirect to the **personal home page.**

    f. Create a **footer** that includes the following details:
      1. Links for items in the main menu.
      2. Copyright @2024. All Rights Reserved.

2. Accomplish the complete documentation guidelines attached to **Google Classroom>IIT406 – Computer Programming 3 >Classwork>Final Examination.** Follow the filename format - **<Lastname> <Firstname> - HTML- .docx and .pdf.**
    a. Title Page
    b. Table of Contents
    c. Site Map
    d. Storyboard
    e. Screen Design
    f. Link/s to website
    g. Source Code (font size =12, single spacing)
    h. Reflection (minimum of 5 2sentences)

3. Submit **document (pdf and docx), .html and .css** files to **Google Classroom>IIT406 – Computer Programming 3>Final Examination**

4. Any form of cheating is strictly prohibited, those who are caught will get an automatic grade of zero.

5. Check your schedule for individual presentations.

6. Please see the attached rubrics for evaluation of documentation and website, 7.

Submission of files will be on or before **December 10, 2024,** until **4:00 PM** only.

Documentation Rubric (50%)

Ranking: On a scale from 1 (lowest performance -Beginning) to 8 (highest performance -Distinguished), assign points to each dimension based on the criteria below:

Criteria	Distinguished 7-8 points	Accomplished 5-6 points	Developing 3-4 points	Beginning 1-2 points	Score
Format / Style	Correct format/style and orderly	Correct format/style and not orderly	Incorrect format/style but neat	Incorrect format/style and dirty	
Sitemap	81%-100% structures of web pages are represented/illustrated completely and correctly.	51%-80% structure of web pages is represented/ illustrated correctly.	30% - 50 % structure of web pages is represented/ illustrated. Correctly.	0% - 29 % structure of web pages represented/illustrated.	
Storyboard	Complete and detailed evidence of planning throughout the entire storyboard including sketches, sequencing, pacing, and consistent storytelling.	Evidence of planning through 2/3 of storyboards including sketches, sequencing, pacing, and storytelling	Evidence of planning up to 1/3 of the storyboard including sketches, sequencing, pacing, and storytelling	Little to no evidence of planning including minimally completed sketches, sequencing, pacing, and storytelling.	
Screen Design	All web pages were provided with complete descriptions and layouts.	2/3 of web pages were provided with complete descriptions and layouts.	1/3 of web pages were provided with complete descriptions and layouts.	Little or no web pages were provided with complete descriptions and layouts.	
Source Code	All HTML and CSS codes used in the project were written in the source code part.	2/3 of the HTML and CSS codes used in the project were written in the source code part.	1/3 of the HTML and CSS codes used in the project were written in the source code part.	Little or no HTML and CSS codes were written in the source code part.	
Reflection	Well explained 3 domains of behavior(cognitive , affective, psychomotor)	3 domains of behavior(cognitive , affective, psychomotor)	2 domains are reflected	No reflection of the 3 domains	
				Bonus : + 2 points Total	/50

Website Evaluation Rubric (50%)

Ranking: On a scale from 1 (lowest performance -Beginning) to 8 (highest performance -Distinguished), assign points to each dimension based on the criteria below:

Criteria	Distinguished 7-8 points	Accomplished 5-6 points	Developing 3-4 points	Beginning 1-2 points	Score
Content	The site has a well stated clear purpose and theme that is carried out throughout the site.	The site has a clearly stated purpose and theme but may have one or two elements that do not seem to be related to it.	The purpose and theme of the site is somewhat muddy or vague.	The site lacks a purpose and theme.	
Content Accuracy	All information provided by the student on the website is accurate and all the requirements have been met.	Almost all information provided by the student on the website is accurate and all the requirements have been met.	Almost all information provided by the student on the website is accurate and almost all the requirements have been met.	There are several inaccuracies in the content provided by the student or many of the requirements were not met.	
Layout	The website has an exceptionally attractive and usable layout. It is easy to locate all important elements. White space, graphics elements, and/or alignment are used effectively to organize material.	The web pages have an attractive and usable layout. It is easy to locate all important elements.	The web pages have a usable layout but may appear busy or boring. It is easy to locate most of the important elements.	The web pages are cluttered-looking or confusing. It is often difficult to locate important elements.	
Navigation	Links for navigation are clearly labeled, and consistently placed, allowing the readers to easily move from a page to related pages(forward and back) and take the reader where they expect to go. A user does not become lost.	Links for navigation are clearly labeled, allowing the reader to easily move from a page to related pages (forward and back) and internal links take the reader where they expect to go. A user rarely becomes lost.	Links for navigation take the reader where they expect to go but some needed links seem to be missing. A user sometimes gets lost.	Some links do not take the reader to the sites described. A user often feels lost.	

Published	The website is posted online and has a direct link. The website is up-to-date and can easily be edited.	The website is posted online but does not have a direct link. The website is up to date but it is difficult to update	The website is not published online and is only viewable from a computer. Website information is up to date but not easily editable.	The website is not published online and is only viewable from a computer. The website is not up to date.	
Punctuality	Submission on deadline.	One-day submission after the deadline.	Two days submission after the deadline.	Three days or more submission after the deadline	
				Bonus : + 2 points **Total**	
					/50

Travel Blog or Itinerary Website / Travel and Adventure for Girls

- A travel-themed blog or itinerary site with maps, travel tips, and itineraries.
- Use a map to display locations.
- Include image sliders, trip details, and a comment section.

1. Destination Guides - City Guides, Hidden Gems, Best Time to Visit, Must-See Attractions, Local Festivals & Events)
2. Travel Experiences
3. Travel Itineraries
4. Travel Tips & Advice
5. Local Cuisine and Food
6. Food & Drink Travel - Food Guides by Destination, Culinary Experiences, Best Street Food, Food Festivals
7. Adventure Travel - Outdoor Adventures, Extreme Sports, Wildlife Experiences, Camping & Glamping, Eco-Tourism & Nature Tours
8. Cultural & Heritage Travel - Historical Sites & Landmarks, Cultural Experiences, Religious & Spiritual Journeys, Arts and Festivals, Indigenous Cultures
9. Travel for Specific Groups - Solo Travel, Family Travel, Couples Travel, LGBTQ+ Travel, Accessible Travel
10. Personal Travel Stories - Travel Diaries, Travel Challenges, Travel Mishaps
11. Travel Technology and Gear - Packing Guides, Travel Gadgets & Tech, Travel Apps & Websites, Travel Clothing & Accessories
12. Travel Photography and Videography
13. Travel Inspirations
14. Travel Industry News & Trends - Travel Industry Updates, Sustainable Travel Trends

Recipe Sharing Website

- A site where users can post and share recipes, complete with ingredients and instructions.
- Implement features like user ratings and search/filtering.
- Include a submission form for users to add their recipes.
1. Recipe Categories
   - Cuisine-Based Categories- Italian, Mexican, Indian, Thai, French
   - Meal Type - breakfast, lunch, dinner, snacks, desserts, appetizers).

- Dietary Preferences & Restrictions- vegan, vegetarian, gluten-free, keto, paleo, dairy-free).
- Cooking Methods: Sort recipes by cooking techniques (e.g., grilling, baking, slow-cooking, pressure cooking, frying).
- Seasonal Recipes: Offer recipes for each season (e.g., summer BBQs, autumn soups, winter stews).
- Holiday & Special Occasion Recipes: Group recipes for holidays and special events like Christmas, Thanksgiving, Halloween, and birthdays.

2. Recipe Collections & Series - Trending Recipes, Top-Rated Recipes, Recipe of the Week, 5-Ingredient Recipes, Quick & Easy Recipes, Budget-Friendly Recipes
3. Recipe Development & Cooking Techniques
   - Step-by-Step Guides: Provide detailed, step-by-step instructions for complex recipes.
   - How-to Videos: Add video tutorials for recipes to make the cooking process even easier to follow.
   - Cooking Tips and Tricks: Share useful kitchen tips to help improve cooking skills.
   - Ingredient Spotlights: Focus on specific ingredients, explaining how to use them and showcasing recipes featuring them.
   - Cooking for Beginners: Offer recipes and tips specifically tailored for novice cooks.
   - Ingredient Substitutions: Provide alternatives for common ingredients, especially for dietary restrictions.
4. Beverage Recipes
   - Cocktails & Mocktails
   - Smoothies & Juices
   - Hot Beverages
   - Milkshakes & Frozen Drinks
5. Special Diets and Health-Focused Recipes - Keto Recipes, Vegan Recipes, Gluten-Free Recipes, Low-Sugar & Diabetic-Friendly Recipes, Paleo Recipes, Heart-Healthy Recipes
6. Cooking for Different Occasions - Party & Entertaining Recipes, Family-Friendly Recipes, Romantic Dinners, Meal Prep for Busy Families
7. Regional and International Recipes
8. Sustainability & Ethical Cooking
   - Sustainable Eating
   - Zero-Waste Recipes
   - Ethical Sourcing
9. Food Photography and Styling
   - Food Photography Tips
   - Recipe Presentation
   - Instagram-Worthy Recipes
10. Cooking Tools & Resources
   - Essential Kitchen Tools
   - Cookbook Recommendations
   - Ingredient Substitutions
   - Time-Saving Cooking Tips - Quick Cooking Techniques, Ingredient Prep Shortcuts
   - Storage & Preservation - How to Store Fresh Produce, Freezer-Friendly Meals
   - Zero-Waste Cooking - Minimizing Waste and Using Every Part of Ingredients
   - Kitchen Tools & Gadgets - Must-Have Appliances for Every Kitchen (e.g., Instant Pot, Air Fryer)
11. User Engagement & Community Features
   - User-Generated Recipes - Allow Users to Submit Their Own Recipes
   - Recipe Challenges - Monthly/Weekly Recipe Themes (e.g., "Summer BBQ Challenge," "Healthy Recipe Challenge")
   - Recipe Sharing - Share Your Favorite Recipes with Social Media Integration
   - Recipe Forums - Discussion Boards for Recipe Ideas, Cooking Questions, and Tips

Fitness website / Fitness for girls

1. Nutrition & Meal Plans - Fitness-oriented meal planning, healthy recipes, and tips for fueling your body
2. Workout Plans & Routines - A collection of workout plans for different goals (weight loss, muscle gain, endurance, etc.).
3. Fitness Tips & Advice - Expert tips on exercise techniques, form, and how to improve overall fitness
4. Fitness Challenges - Weekly or monthly fitness challenges that encourage community participation and help users reach their fitness goals.
5. Weight Loss Strategies - healthy weight loss strategies, including diet, exercise, and mindset.
6. Beginner Fitness Plans
7. Nutrition & Meal Planning
8. Home Workouts
9. Fitness for Different Populations
   a. Fitness for Seniors
   b. Prenatal Fitness
   c. Fitness for Kids
   d. Adaptive Fitness
10. Sports-Specific Training
11. Group Fitness Classes
12. Fitness Gear & Apparel - Reviews and recommendations of fitness gear, including equipment, accessories, and wearables.
13. Mental Health & Fitness - focusing on stress relief, mindfulness, and exercise for mental well-being.
14. Running & Marathon Training
15. Frequently Asked Questions (FAQs)
16. Fitness Blog or Personal Stories

Fitness Routines for Girls
- Weight Loss and Body Toning
- Dance Workouts
- Body Positive Fitness
- Strength Training for Girls
- Outdoor Fitness and Adventure
- Self-Care and Recovery
- Fitness for Specific Life Stages
- fitness Gear and Apparel
- Mental Health and Fitness

Project Plan
- A. Title of Website
- B. Project Overview
    - a. brief description of objectives
    - b. target audience
- C. Site Map
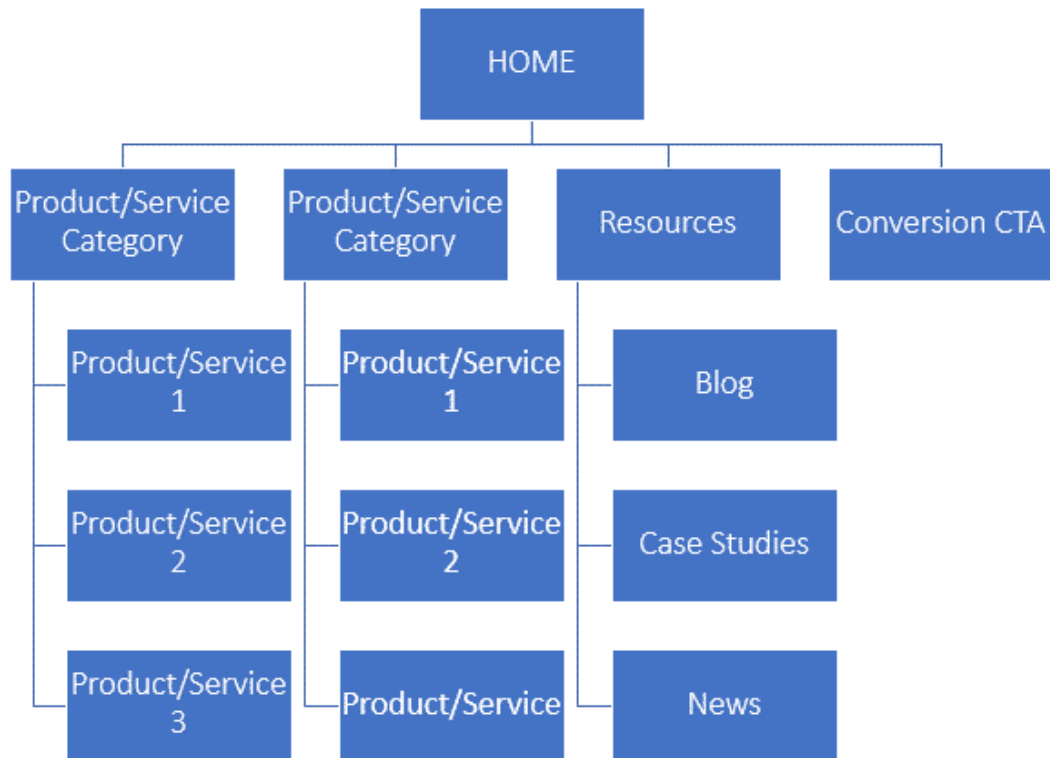
- D. Design Plan and Inspiration
    Describe the look and feel
    List content requirements
    - a. Storyboard
    - b. Mockup

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