**Micro Project Proposal**

**Department :- INFORMATION TECHONOLOGY**

**Subject :- CSS (22519)**

1. **Aims/Benefits of the Micro-project:-**

**Aims:-**

Music Website using CSS 💊

**Benefits:-**

1. Customizable Design: Tailor the website's look and feel to match your brand or personal style, creating a unique user experience.
2. Interactive Features: Utilize JavaScript to implement interactive elements like music players, playlists, and dynamic content, enhancing user engagement.
3. Responsive Layout: Ensure your site performs well on various devices and screen sizes using CSS for a seamless user experience.
4. Enhanced SEO: Improve search engine visibility with semantic HTML and customizable metadata, attracting more visitors to your site.
5. Performance Optimization: Utilize efficient coding practices and features like lazy loading to ensure fast load times and smooth performance.
6. Learning and Skill Development: Gain practical experience with HTML, CSS, and JavaScript, improving your web development skills.
7. **Course Outcomes Addressed:**

|  |  |
| --- | --- |
| CI 504.1 | Use3 different program flow control structure for design interactive web pages. |
| CI 504.2 | Exceute3 programs on Arrays and functions in Java script. |
| CI 504.3 | Implement3 event based web forms and handling cookies using Java script. |
| CI 504.4 | Apply3 regular expressions for validations to design interactive webpages. |
| CI 504.5 | Implement3 Menus and navigations in web Pages. |

**3.0 Proposed Methodology: -**

* **Objective Definition:** Create a music website with interactive features for music discovery, playback, and management using HTML, CSS, and JavaScript.
* **Project Planning**: Design the website's structure and layout, including wireframes and mockups, and define required functionalities like music playback and playlist management.
* **Information Gathering**: Analyze user needs and desired features through research and feedback to guide development.
* **Design and Development:**
  + HTML/CSS: Build the website layout and styling.
  + JavaScript: Implement interactive features such as music controls and playlists.
  + Pseudo Code: Outline logic for interactive elements.

1. **Action Plan (Sequence and time required for major activity): -**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.** | **Details of activity** | **Planned Date** | **Finish Date** | **Team Members** |
| 01 | Group formation and selection of project title | 07/08/2024 | 12/08/2024 | All members |
| 02 | Information search using internet | 14/08/2024 | 26/08/2024 | All members |
| 03 | Prepare micro-project proposal (annexure-II) | 28/08/2024 | 02/09/2024 | All members |
| 04 | Implementation of micro-project and checking | 04/09/2024 | 09/09/2024 | All members |
| 05 | Report generation | 11/09/2024 | 23/09/2024 | All members |
| 06 | Submission of report | 02/10/2024 | 07/10/2024 | All members |

**5.0 Resources required:-**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No** | **Instrument/Object** | **Specifications** | **Quantity** | **Remark** |
| 01 | Computer system | I5 12th gen 16 GB RAM 512 SSD | 2. | HP , Lenovo |
| 02 | Software | VS Code | 1. | Microsoft |
| 03 | Any other resources use | Notepad | 1. | - |

* 1. **Name of Team members with Roll Nos.**

|  |  |  |
| --- | --- | --- |
| **Roll No** | **Name of Student** | **Enrolment No** |
| 47 | Hande Vedant Machhindra | 2200800802 |
| 44 | Gunjal Prathamesh Suresh | 2200800638 |
| 35 | Ghodekar Suraj Gorakh | 2200800629 |

**(Signature of Teacher)**

**Jondhale D.R**