**PROJECT NAME: VINYLS ONLINE**

**DEVELOPER: CAMERON JENKINS**

**PROJECT REQUIREMENTS**

|  |
| --- |
| **PROJECT SUMMARY**  VinylsOnline.com is envisioned as a premier online destination for vinyl record enthusiasts and collectors. This platform will facilitate the discovery and listing of vinyl records by allowing users to search for and upload detailed information about vinyl music items. While the prototype will not include sales or payment processing capabilities, it aims to validate the concept and user experience of the proposed service. |

|  |  |
| --- | --- |
| **IDENTIFICATION OF END USERS** | |
| **Age Range** | 16+ |
| **Common Interests** | Interest in music, specifically vinyl records; may include collectors, audiophiles, music enthusiasts, and nostalgia seekers. |
| **Predicted IT Skills** | Moderate to high; users are expected to be familiar with basic internet usage, online searching, and e-commerce platforms. |
| **Predicted Literacy Skills** | Moderate to high; users should be able to read and comprehend product listings, search queries, and website navigation. |
| **End User Devices/Platforms** | The website should be accessible on a variety of devices including desktops, laptops, tablets, and smartphones. Compatibility with major browsers like Chrome, Firefox, Safari, and Edge is expected. |
| **Reasons end users will use the website** | * To search for and discover vinyl records they wish to buy. * To list vinyl records for sale and manage their listings. * To engage with a community of vinyl record enthusiasts. * To gather information about vinyl records without the intent to purchase immediately. |

|  |  |
| --- | --- |
| **LIST OF REQUIRED WEBSITE FUNCTIONALITY** | COMPLETED |
| Users can register by providing a username, email, and password. |  |
| Users can log in using their email and password. |  |
| Passwords must be securely hashed and salted in the database. |  |
| Implement CAPTCHA on registration to prevent bot registrations. |  |
| Logged in users can add new vinyl records for sale. |  |
| Users can edit or update information about their vinyl records. |  |
| Users can delete their vinyl records from the listing. |  |
| For each vinyl record, users must provide a title, photo, price, artist, release date, and genre. |  |
| Uploaded images should be stored securely and served efficiently. |  |
| All users, registered or not, can search for vinyl records by artist, title, or genre. |  |
| Search results will display the artist and the album/single name. |  |
| Detailed information about the vinyl record is accessible when a search result is selected. |  |
| Display the photo, title, and price of the 12 most recent vinyl records uploaded. |  |
| Information on the home page must be loaded dynamically from the database. |  |

|  |
| --- |
| **CONSTRAINTS** |
| **Design:**   * The user interface must be intuitive and easy to navigate for users aged 16 and up. * The design should be responsive to accommodate various devices and browsers. * The website should comply with accessibility standards (e.g., WCAG). |
| **Time:**   * The website must be developed and go live within a 6-month timeframe. * Staged deliverables are required, with checkpoints at the end of each major development phase. |
| **Financial:**   * As a start-up, the budget may be limited, requiring cost-effective solutions for hosting and development. * No financial transactions or payment processing features will be included in the prototype. |
| **Professional and Legal:**   * The prototype must adhere to professional web development standards and best practices. * Security measures must be in place to protect user data and comply with data protection laws (e.g., GDPR if applicable). * The content posted by users must be monitorable by administrators to comply with copyright laws. |

|  |  |
| --- | --- |
| **REQUIRED PROJECT RESOURCES – Hardware/Software/Content** | Costs |
| **Domain name reg** | £0-20 a year |
| **Web hosting** | £0-300 a year |
| **SSL certificate** | £0-150 a year |
| **Database services (mysql, MongoDB, etc…)** | £0-500 a year |
| **Version control (GitHub, bitbucket, etc…)** | £0-100 a year |
| **Code editor (vscode)** | £0 |
| **Development/ testing devices for responsiveness** | £0 already provided |
| **Design tools (photoshop, illustrator)** | £0 already provided |
| **Project management services (Monday.com)** | £0 |

|  |  |  |
| --- | --- | --- |
| **Discussed and Agreed** | **Signed** | **Date** |
| *Developer Name* |  |  |
| ***Cameron Jenkins*** | Cameron | 20/02/24 |
| *Client Name* |  |  |
|  |  |  |