**CodeSeeker**

**\*Project is under development, is not fully functional, does not have all functionality working as proposed. I am willing to collaborate on developing the project further.**

**Purpose/Abstract:**

* The goal of the project “CODE SEEKER” is to create a platform where developers and students can upload or download their apps or projects.
* Our Project is for basically connecting programmers who are wants to sell or publish their software and normal people who are seeking software.

**Detailed Functionality:**

* **Profile**
* **Search Box**
* **Feedback**
* **Login(Buyer & Seller)**
* **Chat Box**
* **Products Page**
* **Developers**

**○** Developers will be able to create his own profile and login and other details.

○ Developers will be able to post their work (apps and projects).

* **Students and other people**

**○** Same applies to all other students and audiences, they will be able to create his own profile, login and details.

○ Students and Faculties and others who seeking for apps or some code or projects can get their desired stuff.

* Not only developers but students and other people can post their work because it is open source.

**Intended Audience:**

* Students
* Various Universities, College, and School Faculties
* Developers (Any platform)

**Scope:**

* No payment gateway
* Must use desktop or browser app is not made yet
* Internet is required
* No assurance of quality or security in app ,code or projects

**Future Enhancements:**

* We will try to make mobile application.
* Payment gateway may be our next enhancement.
* We might add chat platform and chatbot.
* We will host platform and app will go live if it’s successful in testing.

**References:**

* [www.youtube.com](http://www.youtube.com)
* [www.ecommerceguide.com](http://www.ecommerceguide.com)
* <https://www.shopify.in>
* <http://www.avangate.com/>
* <https://www.ecwid.com/sell-software-online>
* <https://fastspring.com/selling-software-online/>
* <http://santu.com/en/>
* <https://magento.com/>
* <https://www.bigcommerce.com/>

**Github Link:**

* https://github.com/dhruv-sherathia/CodeSeeker

**PROJECT MANAGEMENT:**

**Risk Analysis:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ID** | **Risk Summary** | **Risk Category** | **Probability** | **Impact** | **RMMM** |
| **1** | Lack of users | Customer risk | 15% | Critical | R1 |
| **2** | Lack of technical knowledge | Technical risk | 20% | Critical | R2 |
| **3** | Lack of user security | Technical risk | 15% | Marginal | R3 |
| **4** | Poor coding | Technical risk | 20% | Critical | R4 |
| **5** | Lack of features | Technical risk | 15% | Marginal | R5 |
| **6** | Unavailability of internet | Technical risk | 25% | Critical | R6 |
| **7** | Poor documentation | Support risk | 15% | Marginal | R7 |
| **8** | Misuse of platform | Customer risk | 15% | Critical | R8 |

[Table 1 : Risk Analysis]

**Risk Mitigation, Monitoring & Management:**

**R1 : Lack of users**

**Mitigation:** Users might not be aware about this platform so, we might lack users.

**Monitoring:** While working, we should make sure that people get awareness about platform.

**Management:** We can advertise or share with friends and as much people as possible.

**R2: Lack of technical knowledge**

**Mitigation :** Users might not have technical knowledge of using platform.

**Monitoring:** We can make sure that all the users get most out of platform.

**Management:** We can have basic tutorials on how to use platform.

**R3: Lack of user security**

**Mitigation:** Tusers might face security issues if other users do illegal stuff.

**Monitoring:** We can make sure that users be secure on platform.

**Management:** We will have user activities and logs and if we find illegal stuff we might ban user accounts.

**R4: Poor coding**

**Mitigation:** It may happen that due poor coding website fuctionalities may not work as intended.

**Monitoring:** We can make sure that coding part is updated.

**Management:** We will verify coding and check as many time time as possible.If we found bugs and errors our team will resolve issues instantly.

**R5: Lack of features**

**Mitigation:** There are chances that the platform might lack new features which are trending in market or necessary.

**Monitoring:** Our team will always be working on putting new features.

**Management:** We will ask users for features lacking and we will try to put on that as well and we will make sure to put on latest features.

**R6: Internet unavilability:**

**Mitigation:** It may happen users might not have internet all the time.

**Monitoring:** We will try to put some features that monitor internet avilability.

**Management:** We will allow users to get work done faster with minimum networks also.

**R7: Poor Comments / Documentation in Code**

**Mitigation:** There may be lack of sufficient information due to poor documentation.

**Monitoring:** Continuous documentation will be required.

**Management:** Some amount of time should be given to documentation during the

development process.

**R8: Misuse of Platform**

**Mitigation:** The data views are accessible to only authenticated person.

**Monitoring:** There must be a mechanism for allowing data access for only

authenticated users.

**Management:** Unauthenticated access must be prevented by account verification.

**Traceability Matrix:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Business Requirement Table** | | | | |
| **BR#** | **Module Name** | **Test case** | **Functional requirement** | **Description** |
| **B1** | Registration | T1  T2  T3 | Home  Sign Up  Login | Is Homepage built as desired?  Is Sugn up from is working as desired?  Is Login is working properly? |
| **B2** | Profile | T4 | Name  Address  Contact No.  Photo | Is information displayedas desired? |
| **B3** | Messaging service | T5 | Chat | Are users be able to interact in chat service? |
| **B4** | Product Search | T6  T7  T8 | Categories  Project/Apps  Developers info | Is categories displayed on homepage?  Is Apps listed in categories?  Is info displayed as desired? |
| **B5** | Product Post | T9 | Posting app or project | Are user be able to submit their apps or projects? |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case** | **BR#** | **TR#** | **Test Case** | **Test Steps** | **Expected** |
| Test\_case\_1 | B1 | T1,T2,T3 | Verify SignUp and Login | Add Valid Information  User get the verification email. | Successful Sign Up |
| Test\_case\_2 | B2 | T4 | Verify Profile | User details must be in correct format | Profile created |
| Test\_case\_3 | B3 | T5 | Verify messaging | Users must be able to chat | Chatting is working |
| Test\_case\_4 | B4 | T6,T7,T8 | Check searching | Apps and projects must be displayed after search | Searching successful |
| Test\_case\_5 | B5 | T9 | Test posting section | Users must be able to post their stuff | Posting successful |

[Table 3 : Test Case Analysis]