|  |  |  |
| --- | --- | --- |
| **REQ\_id(User)** | **Req\_Name** | **Description and Priority** |
| **R4.1** | Log In Phase | Log In – This is used to approve the user to log in to the website and to use the encryption tool.Sign Up – The first time the user visits the website, he or she has the option to sign up to our website to get more benefits.Log Out – This is when the user is finished with his/her work. He can log out of the site and then come again some other time and log in again to continue his work. 4.1.4 Register – The user can register to get emails for any update for the website or for some encryption technique that is added. |
| **R4.2** | Content Improvisation | 4.2.1 Design Content – The admin has to research and collect some content to put into the new website. The content should be such that it grips the customer and forces him to use the website.  4.2.2 Update Content – According to responses and with growing time and website, admin should update content if there is any mistake or new thing needs to be added.  4.2.3 Assignment Addition – This is for the encryption tool. With time, new assignments need to be added so that there is diversity for the user and he doesn’t need to take the same assignments. |
| **R4.3** | Discussion Forum | 4.3.1 Ask Question – If there is any doubt or query related to the encryption tool or in one of the question of the assignment, the user can ask question in the doubt section. The admin will make sure that the question is been look into in a short time.  4.3.2 Respond to FAQs – The admin should respond to FAQ and try to gather more up votes for the questions that are a common doubt to the public. |
| **R4.4** | Social Connect | 4.4.1 Design Social Content – For the marketing part, the admin should take onto social sites and make some interesting content so that maximum crowd is attracted and publicity is there for the tool.  4.4.2 Update Social Content – The admin should take into different social sites and should try to update the content with the current trend in the sites. The trend which usually the youth is following.  4.4.3 Visit Social Links – The user can click on the various social sites icon present on the site to visit the websites page on the respective social site.  4.4.4 Read Post – The user can read the updated post related to the website and be fully updated.  4.4.5 Post Review – The user can post review about anything about the website or the tool. |
| **R4.5** | Develop Product | 4.5.1 Software Designing – This is the early stage of the software. The developers must design the software according to the plan.  4.5.2 Software Update – The admins must update software time and again so that more customers are attracted and also so that it grows in the market.  4.5.3 Designing Website – One of the developers must design the website according to the latest standards and techniques so that the user interface and user experience is the best.  4.5.4 Website Update – The website must be updated to add new features and to add more functionalities for the users. |
| **R4.6** | Encryption/Decryption | 4.6.1 Download Tool – The user can download encryption tool by clicking the download button. By this he/she can also work offline on the tool.  4.6.2 Learn Encryption/Decryption – By working in the tool the user can learn various encryption/decryption techniques to gain some interest in the field of cyber security.  4.6.3 Encrypt and Decrypt File – The user also has a different function to encrypt/decrypt any text or text file of his own. With this he can check whether his answer is correct or not.  4.6.4 Solve Assignment – There will be assignments for the user to solve to get a view of how much he his grasping the technique and also get an insight of practical application in the industry. |

**Traceability Matrix**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Req\_Id | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 |
| 4.1 | D |  | D | R |  | D |
| 4.2 |  | D | R | R | D |  |
| 4.3 | D | R | D | D |  | R |
| 4.4 | R | R | D | D |  |  |
| 4.5 |  | D |  |  | D |  |
| 4.6 | D |  | R |  |  | D |

D – Dependent

R - Related