|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Use Case addressing the requirements | Classes Addressing the Requirement | Methods Addressing the Requirement | Unit Test cases addressing the Requirement |
| RQ1 | UC10,UC9 |  |  |  |
| RQ2 | UC2,UC4,UC6,UC8,UC22 |  |  |  |
| RQ3 | UC7,UC16,UC19,UC20,UC21 |  |  |  |
| RQ4 | UC18,UC17 |  |  |  |
| RQ5 | UC1,UC3,UC5,UC23 |  |  |  |
| RQ6 | UC13,UC14,UC15,UC11,UC12 |  |  |  |

**Development Traceability matrix**

UC1- Design website

UC2- Update Website

UC3- Design Software

UC4- Update Software

UC5-Desin Content

UC6- Update Content

UC7-Respond to FAQs

UC8- Add Assignment

UC9- Visit Website

UC10- Log In

UC11-Download Tool

UC12- Learn Encryption/Decryption

UC13- Encrypt file

UC14- Decrypt File

UC15-Solve Assignment

UC16-Post Question

UC17-Register

UC18-Visit Social Links

UC19-Post Review

UC20-Read Post

UC21-Post

UC22-Update Social Content

UC23- Design Social Content