

Traceability Matrix

Functional Requirements	Functional Design	Internal Design	Code	Tests
FR 01 User Login	Login Screen	SRS 2.1.2 Use Case: User Login Class Diagram State Diagram	LoginActivity	N/A
FR 02 Register User	User Creation screen	SRS 3.2 Use Case: Register as a new user State Diagram	UserCreationActivity	
FR 03 Choice of list of questions	Quiz Screen	SRS 3.2 Use Case: Participating in a Quiz State Diagram	QuizActivity	N/A
FR 04 Unanswered Question turns White	Quiz Screen	Use Case: Participating in a Quiz	QuizActivity	N/A
FR 05 Wrong/Right Questions Red/ Green	Quiz Screen	Use Case: Participating in a Quiz	QuizActivity	N/A
FR 06 Answering a question	Question Screen	SRS 3.2 Use Case: Participating in a Quiz Class Diagram Sequence Diagram	QuestionActivity	N/A

FR 07 Interface to mySQL through Apache server	PHP and Android background scripts	SRS 2.1.4 Use Case: Getting data from the database Deployment Architecture	PHP scripts	N/A
FR 08 Update User Information		SRS 2.1.7 Use Case: Exit Game Use Case: Logging out	QuizActivity	N/A
FR 09 Leaderboard		SRS 2.2 Class Diagram State Diagram	LeaderBoardActiv ity	N/A
FR 10 Redeemable Codes	Redeem Code Screen	SRS 2.2 Use Case: Redeeming quiz-code	HomeActivity	N/A

#	Non-Functional Requirements	Description	SRS sec.
NF 01	Shall not more than 60MB RAM	Self explanatory	2.1.6
NF 02	Shall not use > 30MB of HD space	Yes	2.1.6
NF 03	Database up 90% of Time	Database is accessible 90% of time	2.5