**DCU Specification**

**JIRA Component**

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| --- | --- | --- | --- |
| **Program ID:** | **<Program ID>** | **Program Name:** | **GCTS – Tracking Resource Management** |
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|  |  |  | |

**Document History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Date** | **Status: <Draft or Final>** | **Author** | **Comment / Changes from Prior Version** |
| V1.0 | 16-04-2019 | 25-04-2019 | Vasavi |  |
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* PURPOSE OF THIS DOCUMENT
* The purpose of the document is to provide a guideline and template material for the engineers, architects, managers who would create, maintain or manage the DCUs.
* **Component Identifier**

*Quizz\_Apllication*

* **Type**
* *Quizz Application*
* **Technology**
* *The technologies used in this component are:*
* Spring Boot for Business Logic implementation.
* MySql for database
* Java
* Angular 7 for view
* **Function**
* *The main function of the Appliaction is to provide user,technology based quiz questions when the user login to the application once Registered where he can attempt quiz view his score and provide feedback*
* *On the other hand Admin can view user details and quiz details. And he can add or delete the technologies from the website.*
* **Constituents**
* *The modules called by the component are:*
* *Register[Button] :user registered by providing email and phone number .*
* *Login[Butoon] :user login to the application ..*
* *Courselist[Tab] :Finds the list of courses*
* *Result[Tab] :View score of  taken quiz.*
* *Feedback [Tab]:Can submit feedback*
* *Export[Symbol] To Export the excel file of vulnerability files   from the database with no duplicate values.*
* *View[Symbol] This module is used to view the different files stored in the data*
* **Dependencies**
* *Data stored in the database for registered users.*
* *User has to register first and then login to the application.*

**Interfaces**





* **Resources**
* *Open source code folder in command prompt.*
* *· After that you need to install below commands:*
* *npm install bootstrap@3 --save*
* *· Run the application by using ng serve command in the terminal or else in command prompt.*
* *· Opens your browser in* [*http://localhost:4200/*](http://localhost:4200/)
* *For Database: Create the database and tables in MySql Workbench.*
* *Database: Name: quizDb(create the database as: CREATE DATABASE IF NOT EXISTS quizDb);*

**References**

**File uploading concept:** [**https://spring.io/guides/gs/uploading-files/**](https://spring.io/guides/gs/uploading-files/)

* **Processing**

Process Flow chart:



* **Known Defects**
* *This component is particular   to   the  Application  vulnerability XML file  and Network Vulnerability  CSV file  other files of different format can’t be imported   in the database.  .*