Criteria of the requirements dataset

The user should arrange the requirement file of a given project holding existing issues according to the following criteria.

- The file type should be csv
- The first column should hold the issue key
- The second column should hold the issue description

Train model

Whenever a user proceeds with the process of identifying the impact of a new or changed requirement on existing requirements, she should follow the following steps.

Click on “Build model “ tab on the left top and

- Select the particular project name
- Upload requirement file of the specific project
- Click on “Train model”

Once the training is done, click on “Add requirement” tab on the left corner and

- Enter new issue id
- Enter the description of the new requirement
- Click on “Check similarity”

Check similarity

The” view CIA result” window holds a table containing issue id , similarity value and the description of the top 5 most related or most highly impacted requirements by the addition of the new requirement into the project.

Verify validity of link between requirement and test case

The requirement traceability tab on the left opens a page where the user enters the description of a requirement and the corresponding test case she wants to validate with. Then the model will give as an output whether the links between the two are valid or not meaning, whether they have strong link or weak link respectively.