**Synopsis**

2020\_Q1\_093

**Title:**

Integrate Jira with Google Mini and fetch the unresolved defects

**Problem Statement:**

As part of the scrum meeting scrum master has to write JQL to fetch the unresolved defects and discuss the status of defect with the team.

**Objective and Scope:**

Objective of this project is to integrate the Jira with Google Mini and fetch the unresolved defects using the webhook functionality provided by the Google Dialog flow. Webhook will fire the request to external API and get the expected response to convert into voice.

**Methodology (Hardware & Software Used):**

1. Google console account
2. Java 8
3. Access to internet to download the required spring boot and other required jars from maven repository
4. IntelliJ Idea
5. Terminal (or equivalent) console to run the application
6. Google chrome or any browser to test the REST API
7. Google mini or equivalent hardware to run the application end to end
8. Ngrok (or any tool to generate the static URL)
9. URL and credentials for Jira to fetch the data
10. API Token for jira

**How it is going to be useful:**

1. Scrum master and the team will not have to write the JQL to fetch the data.
2. Anyone who is not aware of the JQL will just instruct the Google mini to get the list
3. Save time and faster retrieval of data
4. In future this can be extended to fetch other matrices and reports