

Negotiation Ticketing System

Negotiation Ticketing System (NTS) is a module which deals with the negotiation establishment between the users and software development company in terms of embedding the additional features in the software product they are currently using. The users can be any companies/institutions using the product of the development company. This module's main goal is to make negotiation easier by viewing the requirements, descriptions, issues and feasibility of additional features through interactive software interface. Users can query for required feature directly through this software module.

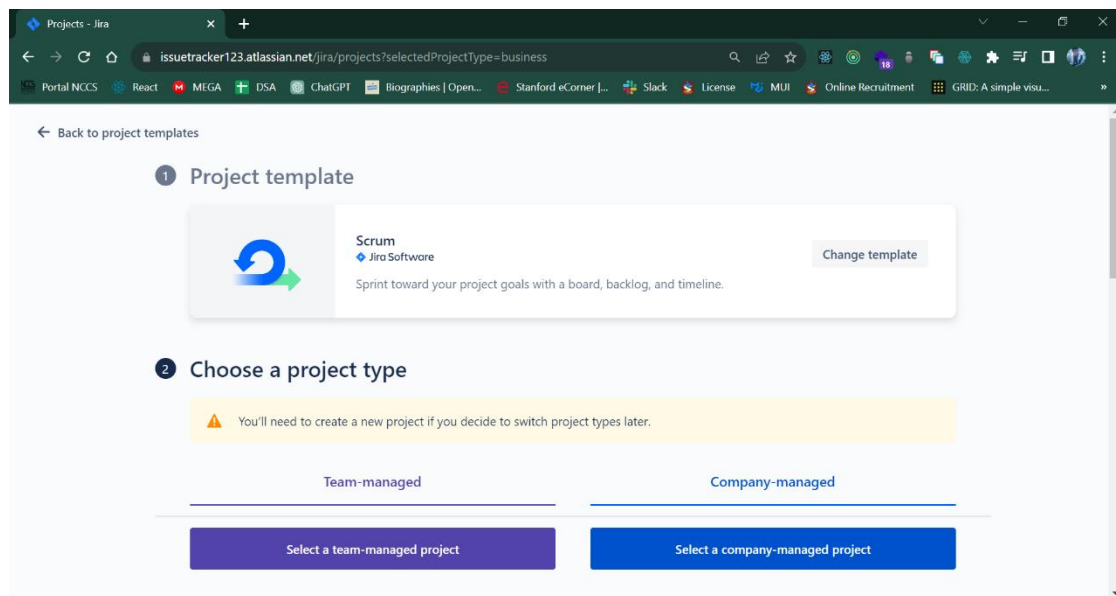
This software module is a digital solution for development company and its' product users where users can easily query for the additional features required along with uploading the requirements files and development company view the details of requirements, update the feasibility status and estimate the time and payment to be incurred for addition of the feature. Also, the users can accept or reject the negotiation by viewing the negotiation details from the development company. This software module's main goal is to make negotiation procedure easier and faster, reducing the traditional method of emailing for required new feature.

Project Management of NTS project using JIRA Software

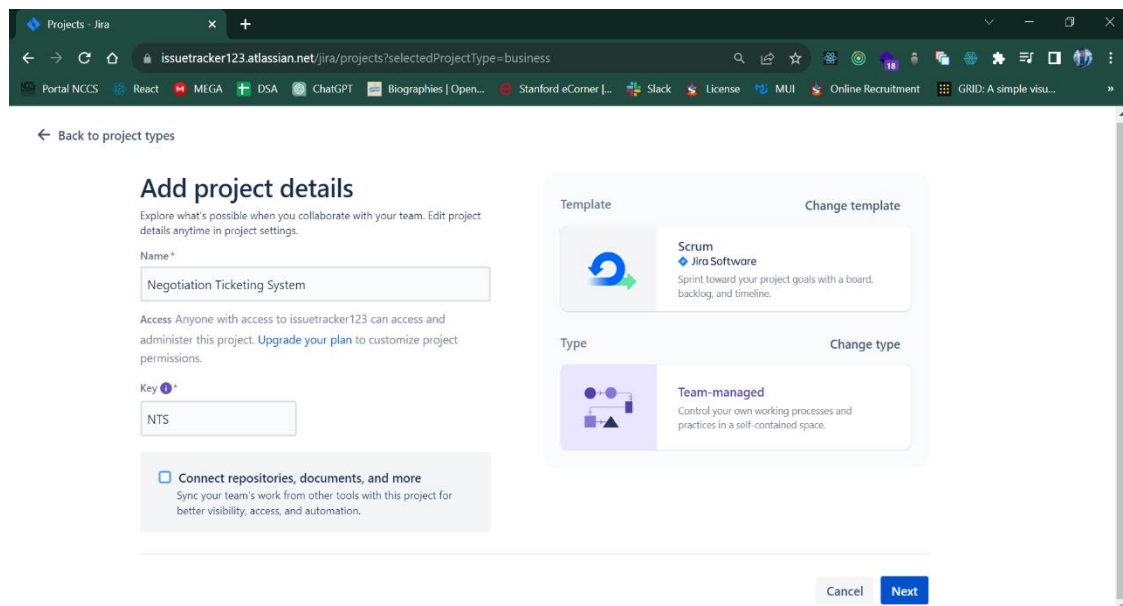
JIRA Software is a widely used project management and issue tracking tool developed by Atlassian. It's designed to help teams plan, track, and manage their work more efficiently. JIRA Software allows teams to create and manage tasks, bugs, stories, and other types of work items in a collaborative and organized manner. It provides features for creating workflows, assigning tasks, setting priorities, tracking progress, and generating reports. JIRA Software is commonly used by software development teams but can be adapted to various industries and team structures to improve productivity and transparency in project management.

For the implementation, scheduling the tasks, creation of the sprint cycle and tracking the activities of the NTS, JIRA software had been used. Scrum template had been used for the project management of the NTS. The work procedures of project management for the NTS using JIRA software are given below:

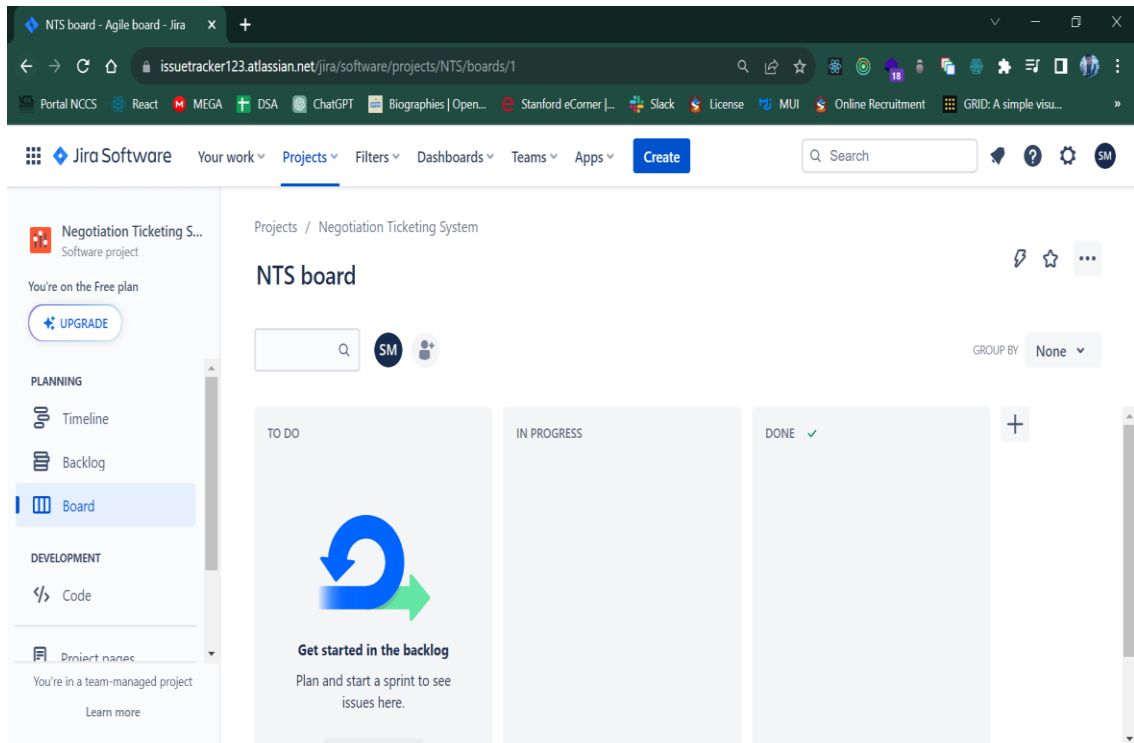
1. Selection of Scrum Template for NTS project management



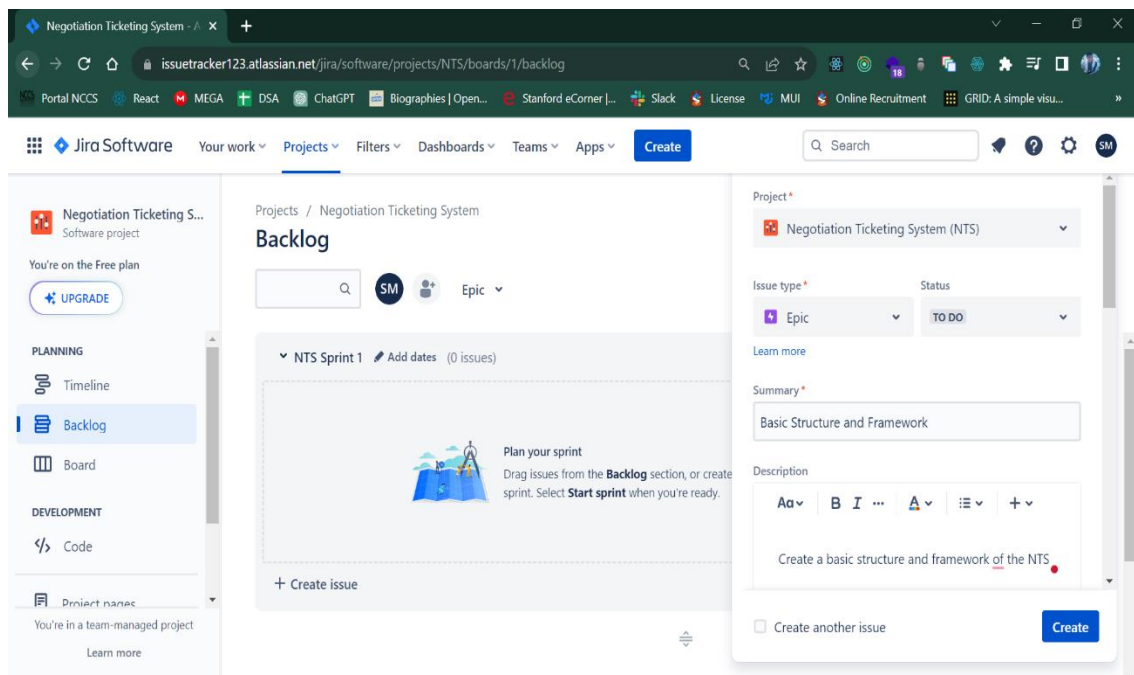
2. Creation of new project in JIRA named as Negotiation Ticketing System



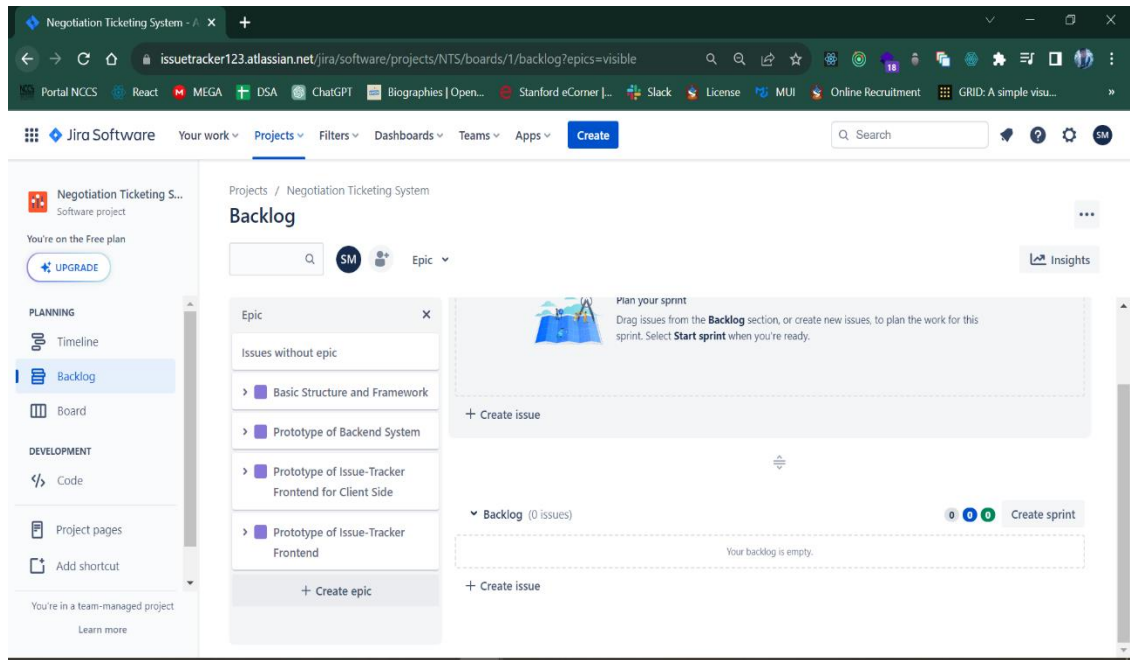
3. Dashboard for the NTS project management



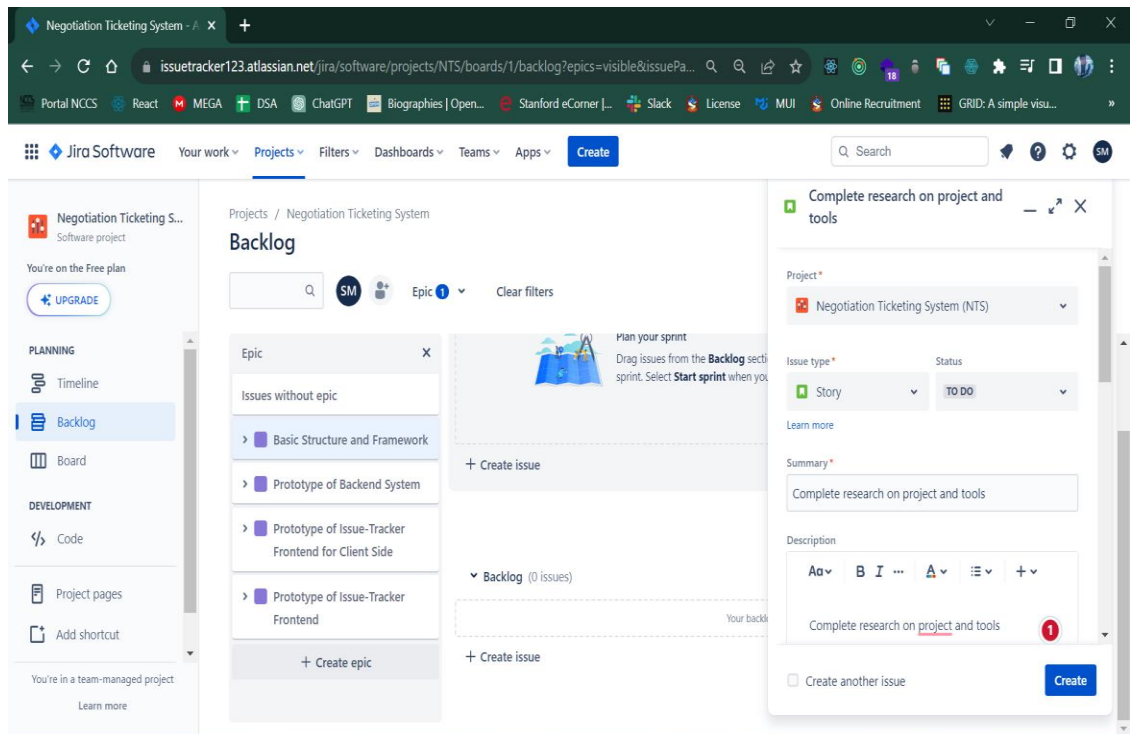
4. Creation of Epics for the NTS project



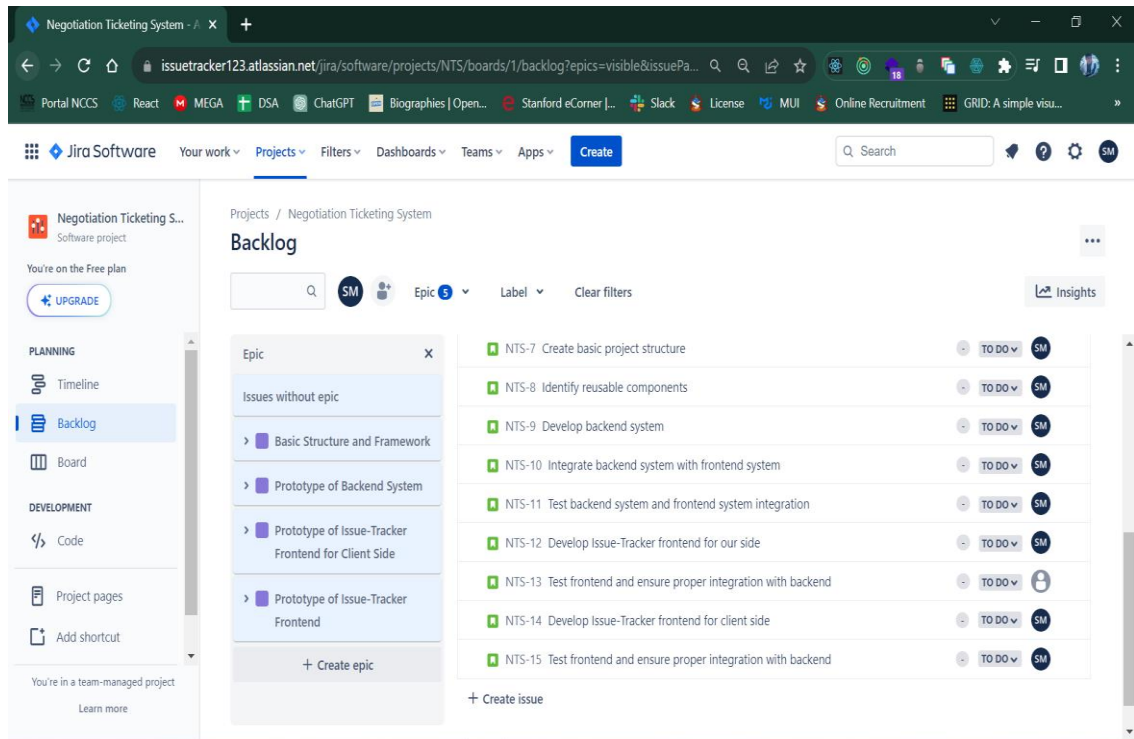
5. Required epics for NTS project were created



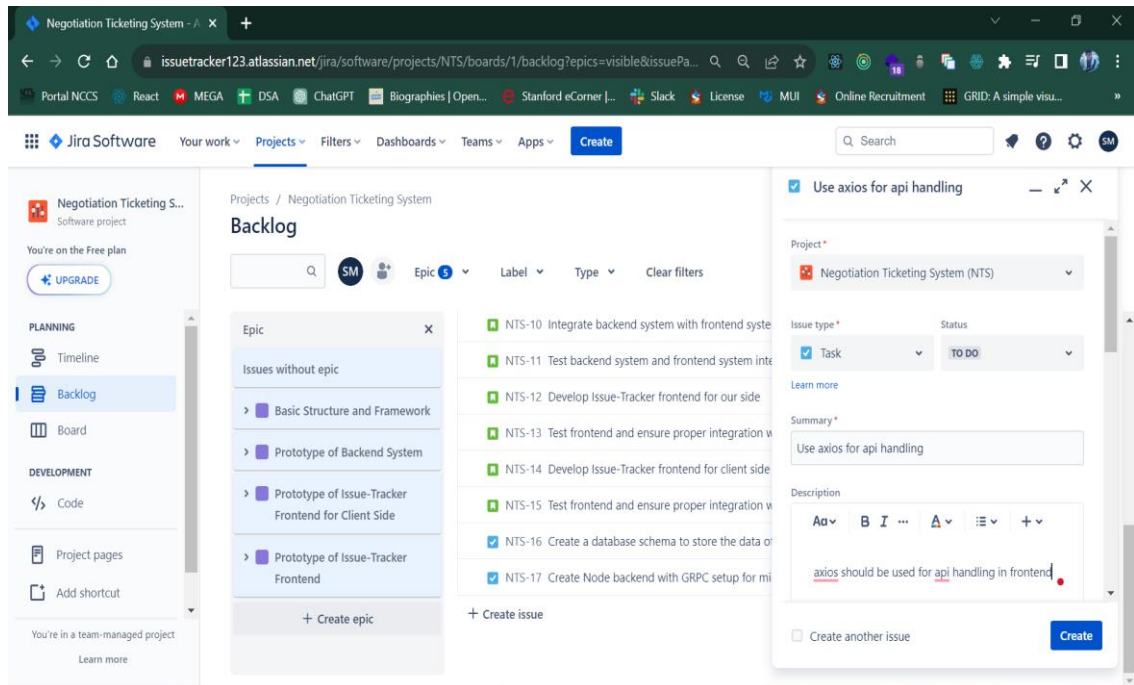
6. Creation of Stories for the epics of NTS



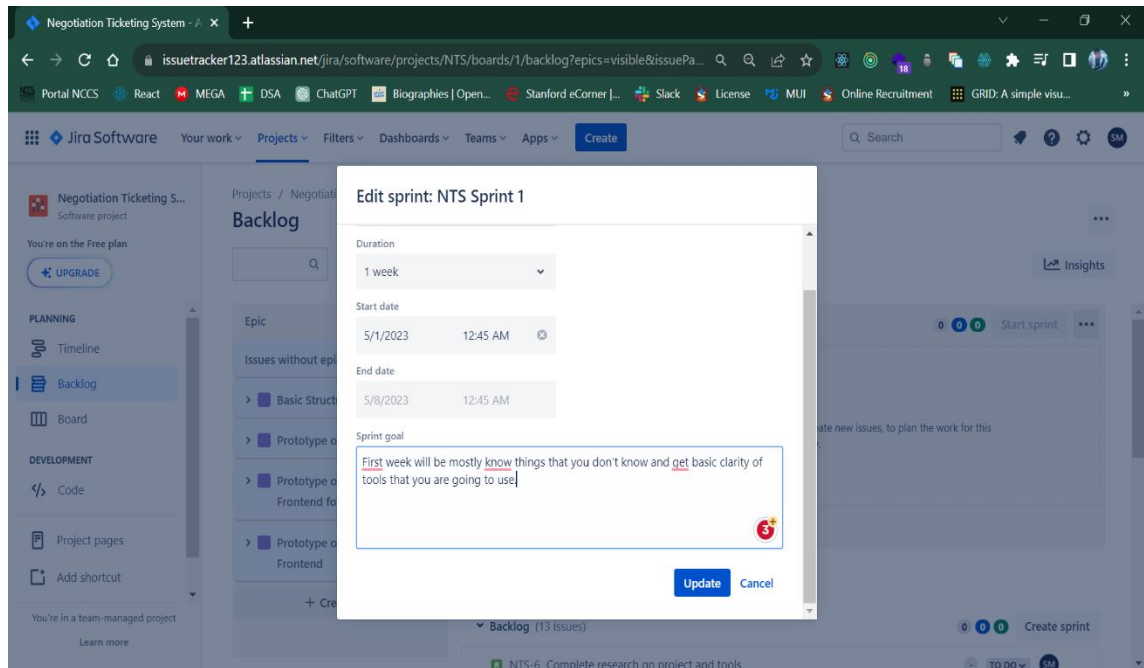
7. Required Stories were created for epics



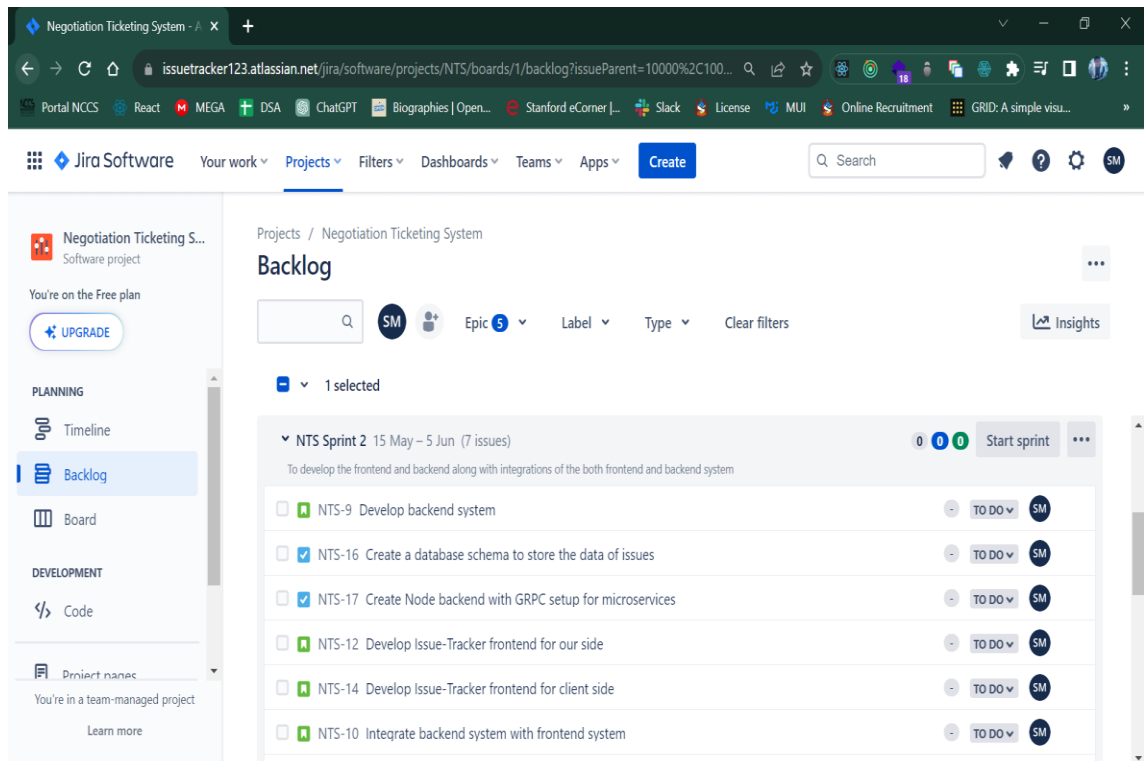
8. Creation of Tasks for the stories of NTS project



9. Creation of Sprint cycles for the NTS project work breakdown structure



10. Added the issues to the sprint cycles accordingly



11. Start of the sprint cycle

The screenshot shows the 'Create Sprint' dialog in Jira. The dialog is titled '3 issues will be included in this sprint.' and lists required fields with asterisks. The 'Sprint name' is 'NTS Sprint 1'. The 'Duration' is set to '2 weeks'. The 'Start date' is '8/10/2023' at '1:18 PM'. The 'Planned start date' is '5/1/2023, 12:45 AM' with a note: 'A sprint's start date impacts velocity and scope in reports. Learn more.' The 'End date' is '8/24/2023' at '1:18 PM'. The 'Sprint goal' is: 'First week will be mostly know things that you don't know and get basic clarity of tools that you are going to use. At the second week, there's should be basic project structure and framework of the system that we'll build upon our project.' There are 'Start' and 'Cancel' buttons at the bottom right.

3 issues will be included in this sprint.

Required fields are marked with an asterisk *

Sprint name *

NTS Sprint 1

Duration *

2 weeks

Start date *

8/10/2023 1:18 PM

Planned start date: 5/1/2023, 12:45 AM
A sprint's start date impacts velocity and scope in reports. [Learn more.](#)

End date *

8/24/2023 1:18 PM

Sprint goal

First week will be mostly know things that you don't know and get basic clarity of tools that you are going to use. At the second week, there's should be basic project structure and framework of the system that we'll build upon our project.

Start Cancel

12. Execution of Sprint cycle

The screenshot shows the 'NTS Sprint 1' board in Jira. The board is titled 'NTS Sprint 1' and has a description: 'First week will be mostly know things that you don't know and get basic clarity of tools that you are going to use. At the second week, there's should be basic project structure and framework of the system that we'll build upon our project.' The board is divided into three columns: 'TO DO 1', 'IN PROGRESS 1', and 'DONE 1'. The 'TO DO 1' column contains one issue: 'Identify reusable components' (NTS-8). The 'IN PROGRESS 1' column contains one issue: 'Create basic project structure' (NTS-7). The 'DONE 1' column contains one issue: 'Complete research on project and tools' (NTS-6). The board is grouped by 'None' and has a 'GROUP BY' dropdown menu. There are 'Complete sprint' and 'More options' buttons at the top right.

NTS Sprint 1

First week will be mostly know things that you don't know and get basic clarity of tools that you are going to use. At the second week, there's should be basic project structure and framework of the system that we'll build upon our project.

TO DO 1

Identify reusable components

NTS-8

IN PROGRESS 1

Create basic project structure

NTS-7

DONE 1

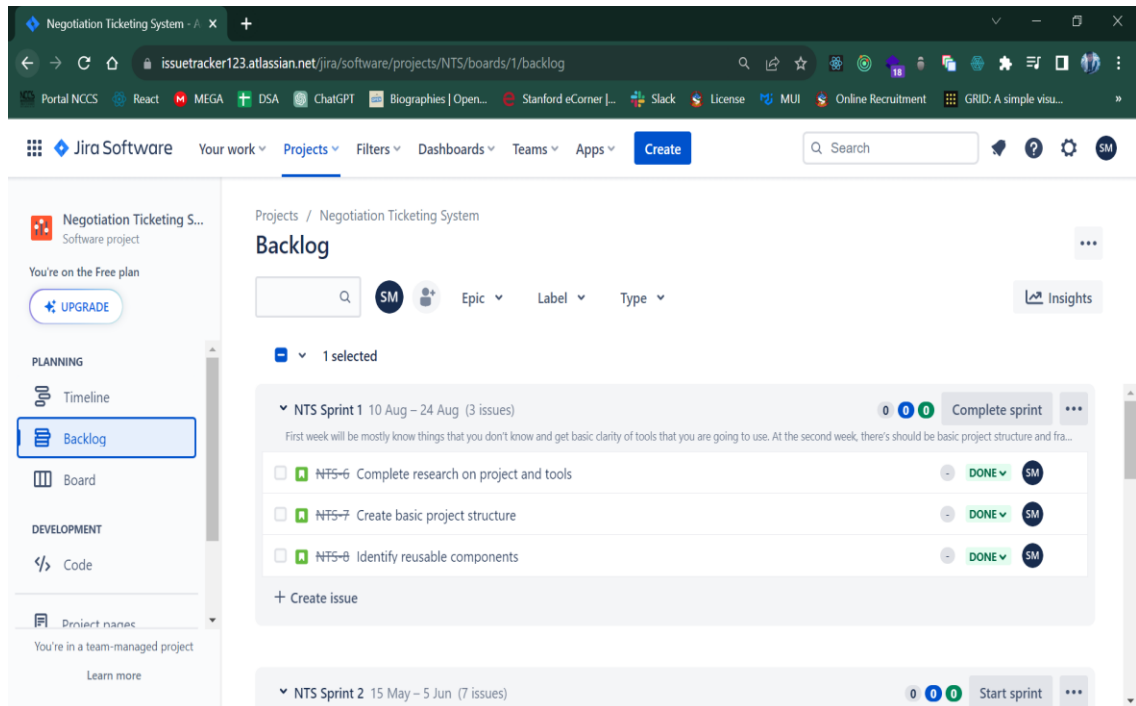
Complete research on project and tools

NTS-6

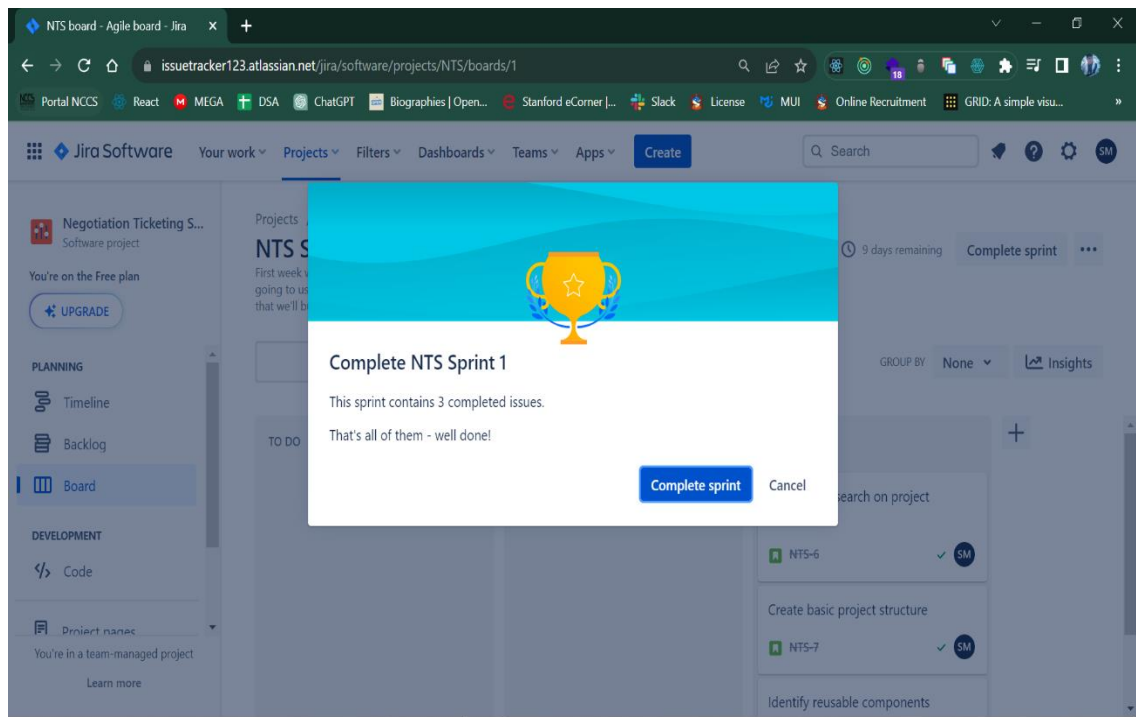
GROUP BY: None

Complete sprint

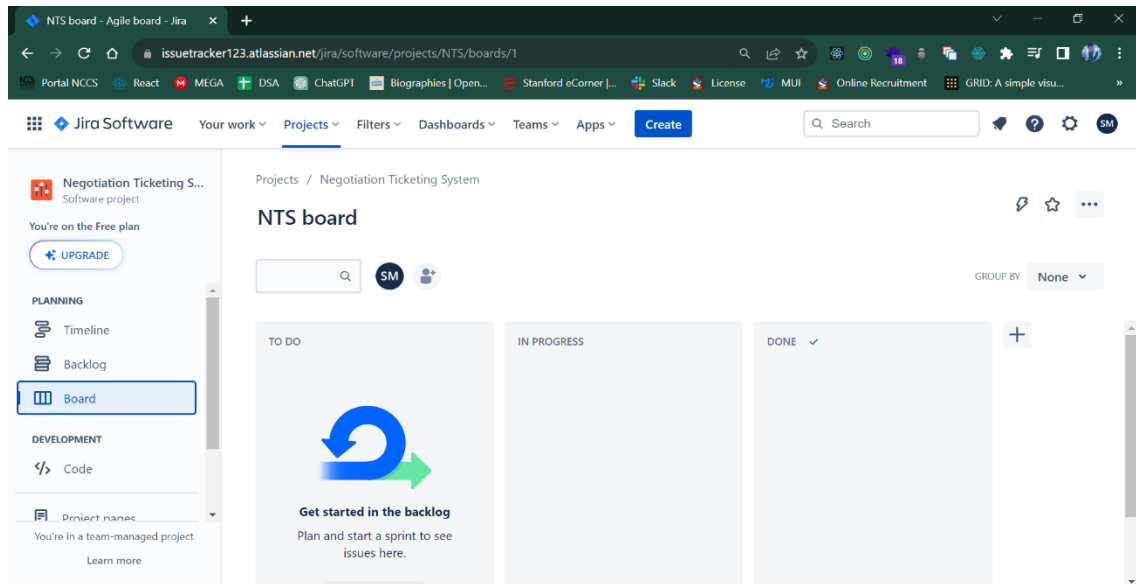
13. Completion of sprint cycle



14. Completion message of the sprint cycle



15. Likewise, all the sprint cycles were carried out for the completion of NTS and project completion results dashboard as:



Here, only the generic view of the project management activities for the project had been shown. In this manner the project management activities of the Negotiation Ticketing System were done using the JIRA software.