

## Jira

Project: [Software Engineering for Geoinformatics](#)

Sorted by: Created descending

1–43 of 43 as at: 01/Jul/24 8:00 PM

T	Key	Summary	Assignee	Reporter	P	Status	Resolution	Created	Updated	Due
	SEGI-53	SEGI-50 Task 7.1.1: Document Code to Explain Functionality and Usage	Unassigned	<a href="#">Cullen Sayegh</a>		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-52	SEGI-51 Task 7.2.1: Write Design Document	Unassigned	<a href="#">Cullen Sayegh</a>		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-51	User Story 7.2: Design Document	Unassigned	<a href="#">Cullen Sayegh</a>		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-50	User Story 7.1: Code Documentation	Unassigned	<a href="#">Cullen Sayegh</a>		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-49	Epic 7: Documentation	Unassigned	<a href="#">Cullen Sayegh</a>		 DONE	Done	01/Jul/24	01/Jul/24	01/Jul/24
	SEGI-48	SEGI-47 Task 6.2.1: Test Integration of API Data Fetching and Database Insertion	Unassigned	<a href="#">Cullen Sayegh</a>		 TO DO	Unresolved	01/Jul/24	01/Jul/24	
	SEGI-47	User Story 6.2: Integration Testing	Unassigned	<a href="#">Cullen Sayegh</a>		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-46	SEGI-45 Task 6.1: Write Unit Tests for Each Function	Unassigned	<a href="#">Cullen Sayegh</a>		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-45	User Story 6.1: Unit Testing	Unassigned	<a href="#">Cullen Sayegh</a>		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-44	Epic 6: Testing	Unassigned	<a href="#">Cullen Sayegh</a>		 DONE	Done	01/Jul/24	01/Jul/24	01/Jul/24
	SEGI-43	SEGI-42 Task 5.2.1: Ensure data integrity and handle insertion errors.	Unassigned	<a href="#">Cullen Sayegh</a>		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-42	5.2 Database Insertion Validation	Unassigned	<a href="#">Cullen Sayegh</a>		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-41	SEGI-40 Task 5.1: Implement checks to validate API responses.	Unassigned	<a href="#">Cullen Sayegh</a>		 TO DO	Unresolved	01/Jul/24	01/Jul/24	
	SEGI-40	5.1 API Response Validation	Unassigned	<a href="#">Cullen Sayegh</a>		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-39	Epic 5: Error Handling and Validation	Unassigned	<a href="#">Cullen Sayegh</a>		 DONE	Done	01/Jul/24	01/Jul/24	01/Jul/24
	SEGI-38	SEGI-32 Task 1.2.3: Convert and insert data into the table.	Unassigned	<a href="#">Cullen Sayegh</a>		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-37	SEGI-32 Task 1.2.2: Fetch comuni boundary data using OSM	Unassigned	<a href="#">Cullen Sayegh</a>		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-36	SEGI-32 Task 1.2.1: Fetch boundary data for Emilia-Romagna.	Unassigned	<a href="#">Cullen Sayegh</a>		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-35	SEGI-31 Task 1.1.3: Define and execute a function to create a table.	Unassigned	<a href="#">Cullen Sayegh</a>		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-34	SEGI-31 Task 1.1.2: Establish a database connection.	Unassigned	<a href="#">Cullen Sayegh</a>		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-33	SEGI-31 Task 1.1.1: Import necessary libraries.	Unassigned	<a href="#">Cullen Sayegh</a>		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-32	User Story 1.2: Insert Data into Comuni Table	Unassigned	<a href="#">Cullen Sayegh</a>		 DONE	Done	01/Jul/24	01/Jul/24	

T	Key	Summary	Assignee	Reporter	P	Status	Resolution	Created	Updated	Due
	SEGI-31	User Story 1.1: Create a Database Table for Comuni Data	Unassigned	Cullen Sayegh		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-30	Epic 1: Database Management and Data Insertion	Unassigned	Cullen Sayegh		 DONE	Done	01/Jul/24	01/Jul/24	05/Jun/24
	SEGI-29	SEGI-25 Task 4.1.4: Update map with selected comuni boundaries.	Unassigned	Cullen Sayegh		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-28	SEGI-25 Task 4.1.3: Update combined histogram based on selected comuni.	Unassigned	Cullen Sayegh		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-27	SEGI-25 Task 4.1.2: Update built area data table based on selected comuni.	Unassigned	Cullen Sayegh		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-26	SEGI-25 Task 4.1.1: Update demographic data table based on selected comuni.	Unassigned	Cullen Sayegh		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-25	User Story 4.1: Update UI Based on User Interaction	Unassigned	Cullen Sayegh		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-24	Epic 4: Callbacks and Interactivity	Unassigned	Cullen Sayegh		 DONE	Done	01/Jul/24	01/Jul/24	01/Jul/24
	SEGI-23	SEGI-21 Task 3.2.2: Add a histogram to display combined indicators.	Unassigned	Cullen Sayegh		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-22	SEGI-21 Task 3.2.1: Add a map component to display selected comuni.	Unassigned	Cullen Sayegh		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-21	User Story 3.2: Build Right Panel for Map and Plot Display	Unassigned	Cullen Sayegh		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-20	SEGI-17 Task 3.1.3: Build a table to display built area data.	Unassigned	Cullen Sayegh		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-19	SEGI-17 Task 3.1.2: Build a table to display demographic data.	Unassigned	Cullen Sayegh		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-18	SEGI-17 Task 3.1.1: Build a checklist for comune selection.	Unassigned	Cullen Sayegh		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-17	User Story 3.1: Build Left Panel for Comune Selection and Data Display	Unassigned	Cullen Sayegh		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-10	SEGI-7 Extract list of comune names.	Unassigned	Cullen Sayegh		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-9	SEGI-7 Convert fetched data to a pandas DataFrame.	Unassigned	Cullen Sayegh		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-8	SEGI-7 Fetch data from the Flask API	Unassigned	Cullen Sayegh		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-7	User Story 2.1: Fetch and Prepare Data for Display	Unassigned	Cullen Sayegh		 DONE	Done	01/Jul/24	01/Jul/24	
	SEGI-6	Epic 2: Data Fetching and Preparation	Unassigned	Cullen Sayegh		 DONE	Done	01/Jul/24	01/Jul/24	21/Jun/24
	SEGI-2	Epic 3: UI Layout and Component Building	Unassigned	Cullen Sayegh		 DONE	Done	01/Jul/24	01/Jul/24	14/Jun/24