

Vanier College  
Computer Science Department  
Web Services 420-551-VA  
Section 00002

**Project Plan**  
**Nobel Prize API**

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## Project Plan:

Title	Description	Requirements	Sub tasks	Dependencies	Assignees
Create Database	Database creation	MySQL, Xampp	Create tables, Foreign keys, populate tables	N/A	Dinal
Create Tables	Make tables in the database	MySQL, Xampp	Foreign keys, populate tables	Create database	Dinal
Foreign Keys	Add Foreign keys to database	MySQL, Xampp	Populate tables	Create tables	Craig
Populate Tables	Populate the tables in the database	MySQL, Xampp	Create models	Create tables	Johnathan
Creating Models	Creating Model classes	VSCode	Implementing routes	Populate tables	Craig, Dinal, Johnathan
Creating Controllers	Creating Controller classes	VSCode	Implementing routes	Creating models	Craig, Dinal, Johnathan
Implementing Routes		VSCode		Creating controllers	Johnathan
Implement Error Handling	Implement error handling through the use of middleware	VSCode			Dinal
Implement Content Negotiation	Implement content negotiation to keep the response format uniform	VSCode		Implement error handling	Craig
Implement Filtering	Creating filters for getting specific resources	VSCode		Creating controllers	Craig
Implement Pagination	Implementing pagination for limiting the number of resources to be shown	VSCode		Creating controllers	Johnathan

# Composite Resources:

## **Zip Code Searcher:**

We will use the zip code searcher to check which country it's from.

<https://documenter.getpostman.com/view/8854915/Szf7znEe#fcc95bbd-9cb3-4c5f-9a46-50eb3411ae31>

## **Dictionary:**

We will use the dictionary API to provide meaning to the words that might be too difficult or rarely used in everyday life.

<https://dictionaryapi.dev/>