

The background of the slide features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic look.

CSP 586

Software Modeling Dev with UML

Project Phase #2

Demographics

Team 10

Bangalore Raghunath, Abhay Nagaraj

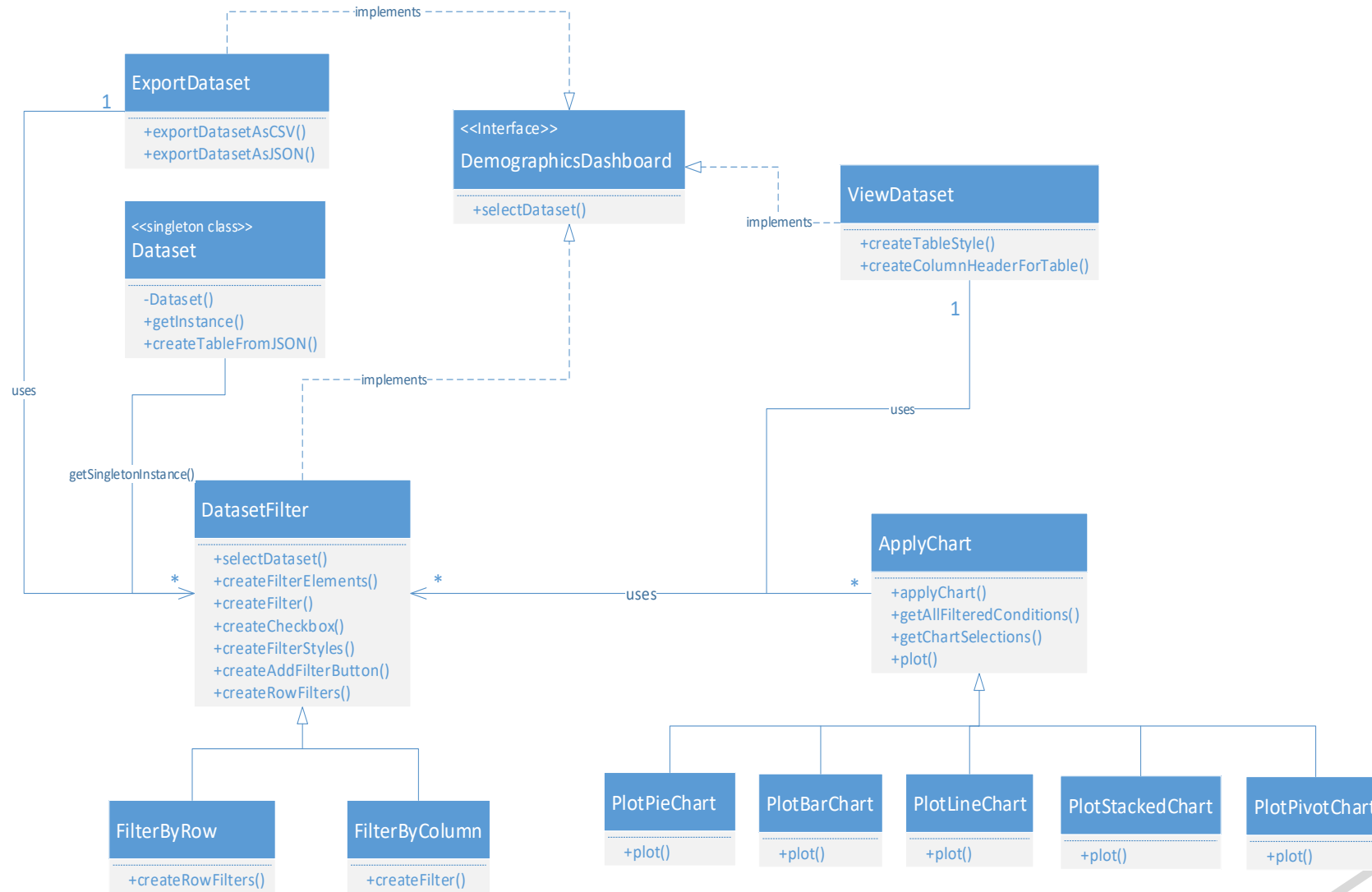
Hongal, Vaibhav Uday

Katiyar, Karan

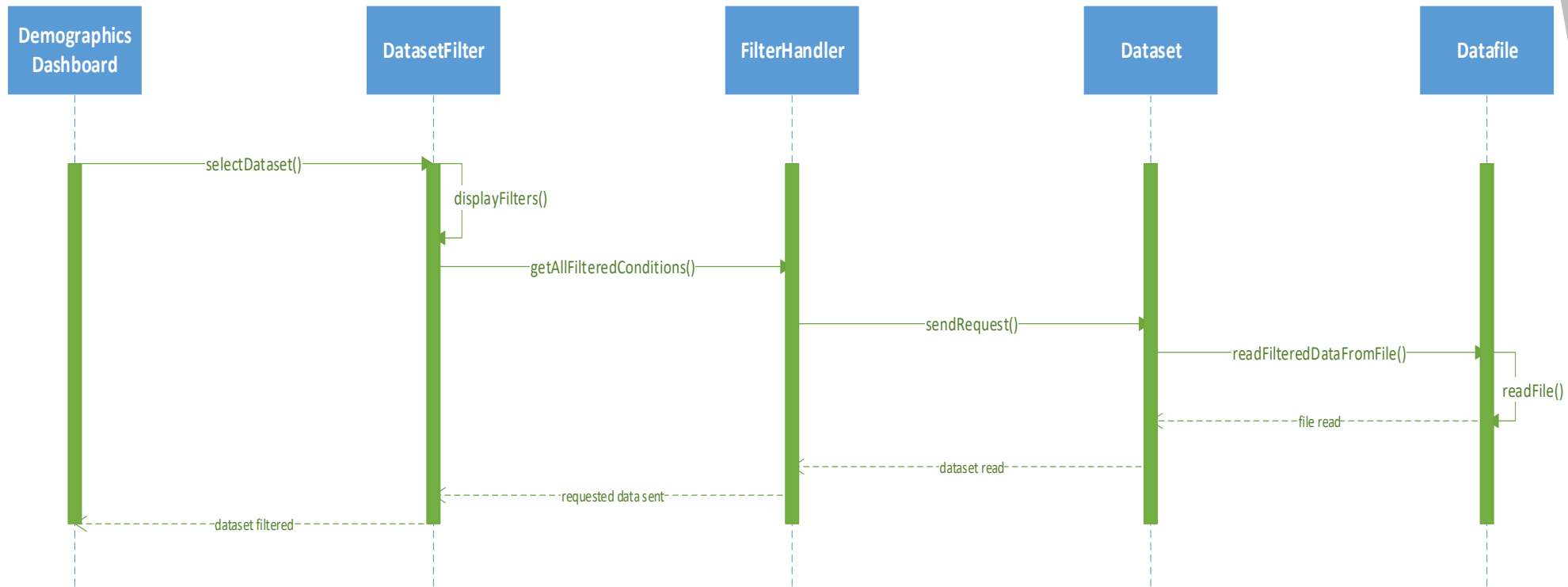
OVERVIEW

- ▶ Objective: To design and implement an object oriented charting Dashboard for data analytics and visualization of Demographics datasets. This helps the user in drawing vital insights.
- ▶ The following are the forms of plots that we are planning to achieve.
 - ▶ Pie chart
 - ▶ Bar chart
 - ▶ Line chart
 - ▶ Stacked chart
 - ▶ Pivot chart

Design Model Class Diagram

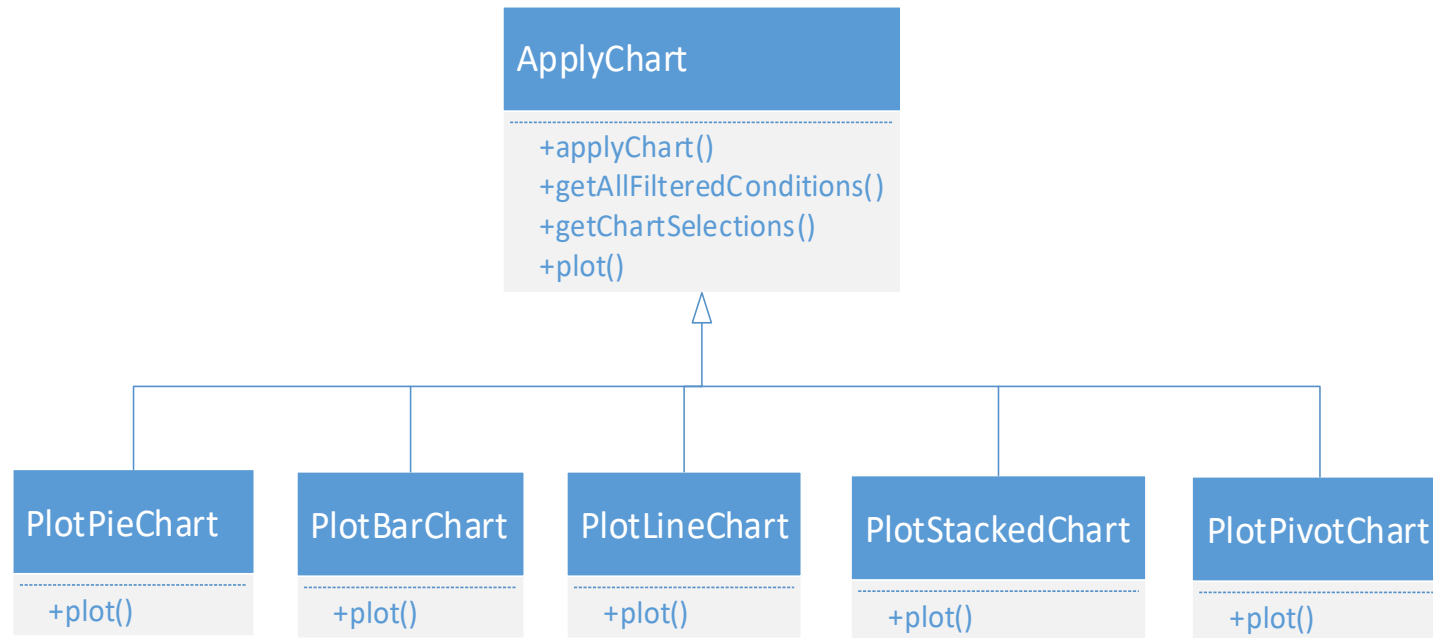


Sequence Diagram for Filter Dataset Use Case



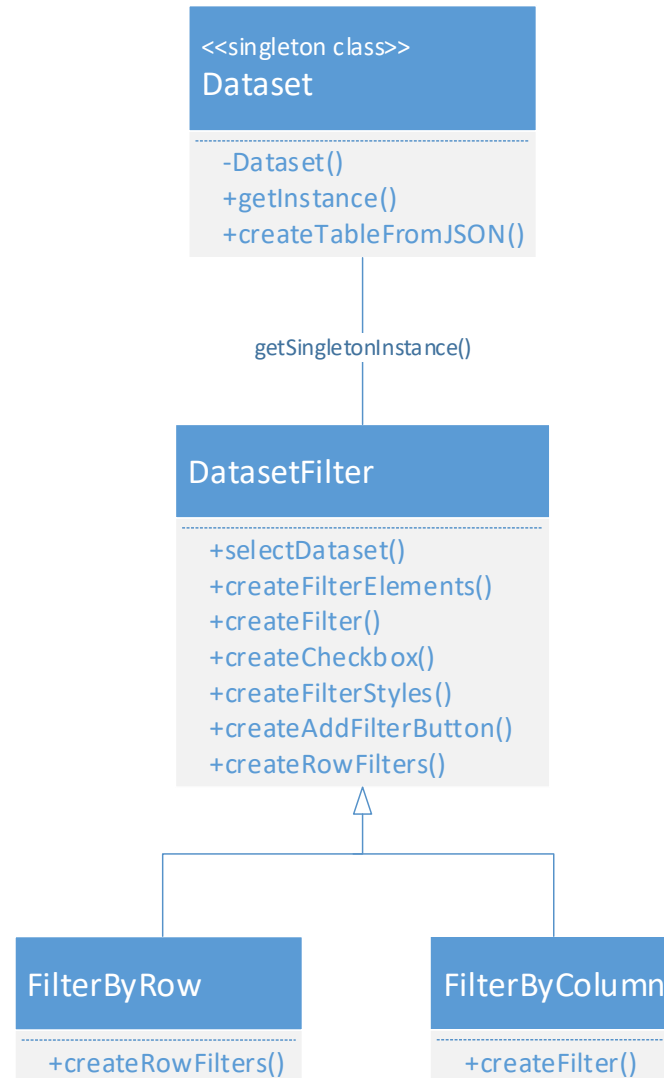
Design Patterns

Template Design Pattern (Behavioral)



Design Patterns

Singleton Pattern (Creational)



Thank You

Spanish - Gracias

Dhanyawada - Kannada

Italian - Grazie

Danke sehr - German

French - Merci daw-dyeh - Chinese

Arigato - Japanese