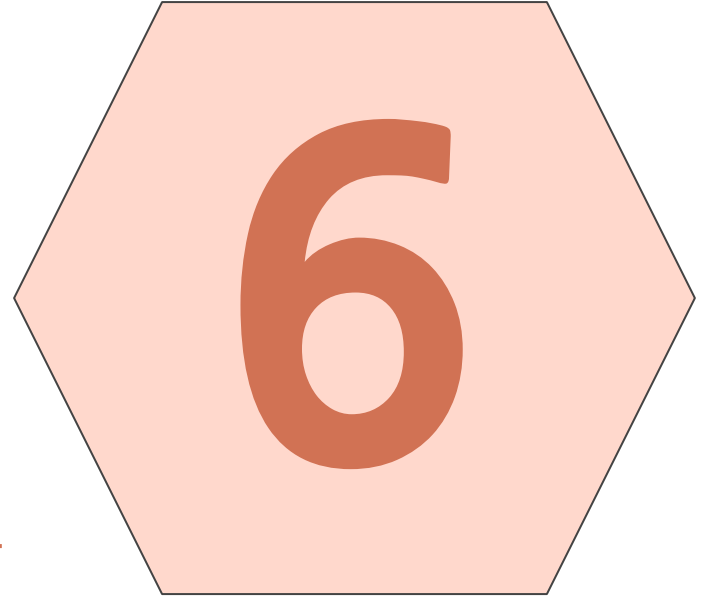# Group 6

Sprint 4 - Delivery Report

Data Analysis of Covid-19's impact on Canadian Economy

6

Team Members

Moganaviniith Rathinavel

Scrum Master

Ricky Abraham

Product Owner

Tamilselvan Ramachandran

Developer

Narayana Prakash

Developer

Gauravkumar Prajapti

Developer

Amardeep Kaur Grewal

Developer

Agenda

01 Current Sprint Deliverables

...

02 Updated Project Backlog

...

03 Next Sprint Backlog

...

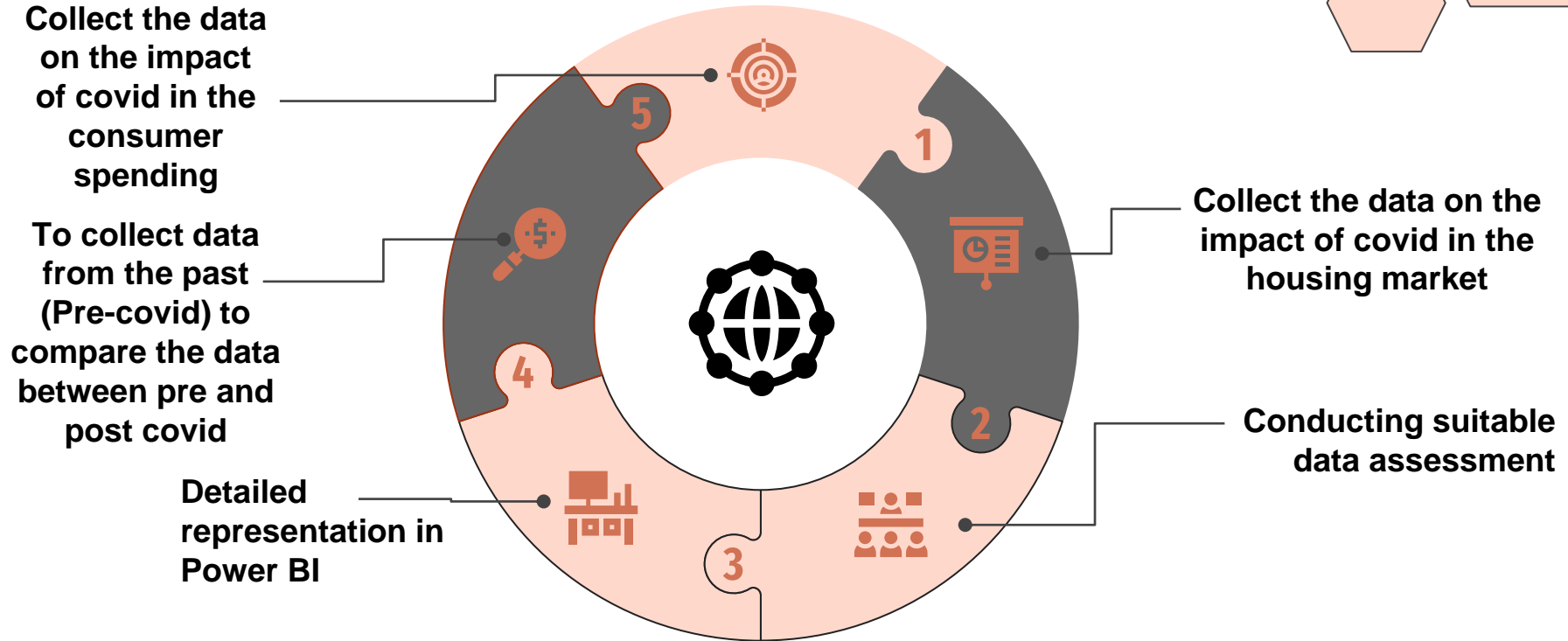**04** Minutes of Meeting for sprint review and retrospective

...

05 Utilizing newly learned tools/techniques/methods

...

Current Sprint Deliverables

Collect the data on the impact of covid in the consumer spending

To collect data from the past (Pre-covid) to compare the data between pre and post covid

Detailed representation in Power BI

Collect the data on the impact of covid in the housing market

Conducting suitable data assessment

Current Sprint Progress

Tasks for the current sprint	Assigned	Progress
Schedule meeting with the team regarding the new change request.	Scrum Master	Done
Collection of feedback from the Developers	Scrum Master	Done
Reworking on the priority of the backlog	Product Owner	Done
Collect the data on the impact of covid in the housing market	Researcher	Done
Collect the data on the impact of covid in the consumer spending	Developer	Done
To collect data from the past (Pre-covid) to compare the data between pre and post covid	Developer	Done

Updated Project Backlog

| Collect the data on the impact of covid in the housing market	Collect the data on the impact of covid in the consumer spending	To collect data from the past (Pre-covid) to compare the data between pre and post covid
Start by gathering data on the housing market in Canada. Look at housing prices, sales figures, market trends, and other indicators that are relevant to the housing market.	Use a combination of public and private data sources to collect information on consumer spending in Canada prior to the outbreak of COVID-19. Data sources could include public records, surveys, and reports from government agencies, financial institutions, and retailers.	Analyze the data to find the differences between Pre and post-COVID Canadian economic indicators.
Use a variety of analytical techniques to identify relationships and patterns. Look for correlations between the housing market and economic indicators.	collect data on consumer spending in Canada pre-COVID, analyze the data to understand the trends and patterns in consumer spending. Consider factors such as income level, region, and type of spending (e.g., food, clothing, entertainment, etc.).	Compare the data to identify trends and patterns in the Canadian economy before and after the pandemic.
Develop visualizations of the data to present the impact of the pandemic on the housing market.	Ask professionals from a variety of professions their thoughts on the impact of covid in the consumer spending	Present the data and analysis in a report or presentation to provide an overview of the Canadian economy pre and post-COVID.

Change Request

Request	Description	Action
• New economical opportunities identifies or developed due to the pandemic on Canada's economy	Gather and analyze relevant data on the impact of the pandemic on Canada's economy and identify potential new economic opportunities or developments due to the pandemic.	NOT DONE
• Impact of the pandemic on the industrial and commercial real estate.	Use existing data sources such as the Canadian Real Estate Association (CREA) to analyze the current trends in industrial and commercial real estate in Canada.	NOT DONE

Affect of COVID on GDP
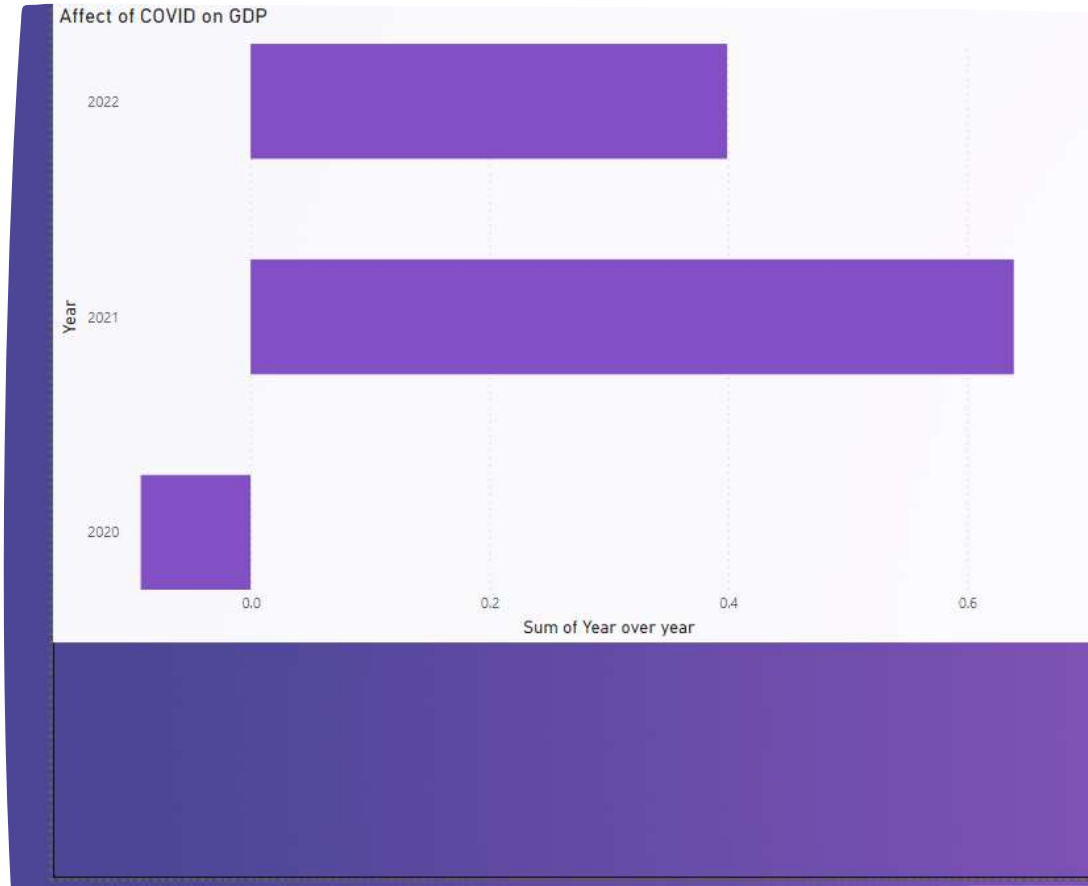
Pre and Post covid impact on the economy.

- As from the graph we can see that economy performed poorly during the covid it decreased by -5.2% during year 2020
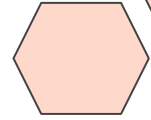
Impact of covid in the housing market

As we can see from the analysis that pandemic did not have an impact on housing prices but prices decreased significantly for the year 2022
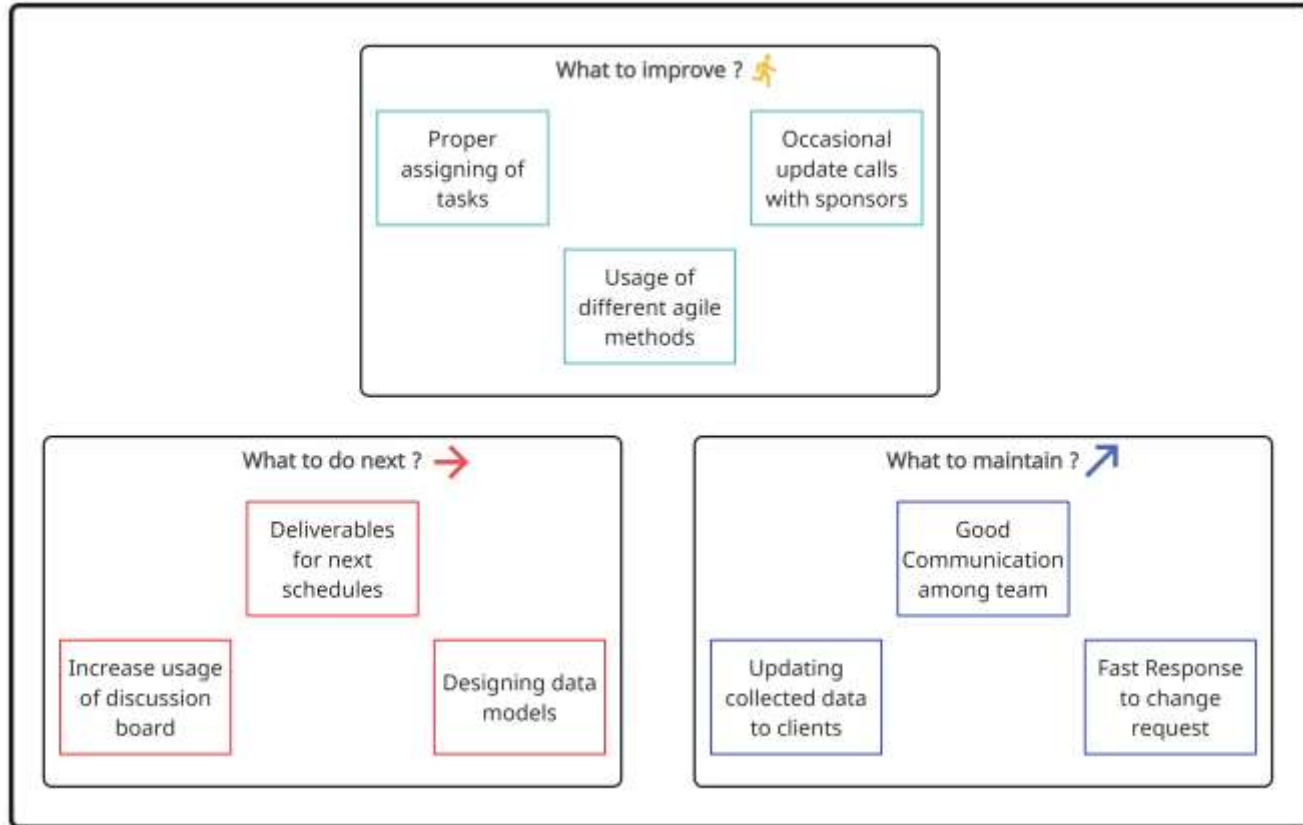
Minutes of meeting

S.NO	DATE	START TIME	TIME FOR THE TOPIC	DESCRIPTION of the topic	END TIME
1	MARCH 15	6;30 pm	10 minutes	Current sprint agenda	6:40 pm
2	MARCH 17	7:00 pm	20 minutes	Updated Project Backlog	7:20 pm
3	MARCH 25	6:00 pm	30 minutes	Output using tableau and power BI	6:30 pm
4	MARCH 26	6:00 pm	20 minutes	Sprint retrospective	6:20 pm

Sprint Retrospective

What to improve ? 🏃

- Proper assigning of tasks
- Occasional update calls with sponsors
- Usage of different agile methods

What to do next ? →

- Deliverables for next schedules
- Increase usage of discussion board
- Designing data models

What to maintain ? ↗

- Good Communication among team
- Updating collected data to clients
- Fast Response to change request

covid data
Software project

PLANNING

- Roadmap
- Backlog
- Board

DEVELOPMENT

- Code

- Project pages
- Add shortcut
- Project settings

Roadmap

Give feedback   Share   Export   ...

Q   NP MR GP AG   Status category ˅   Epic ˅   View settings
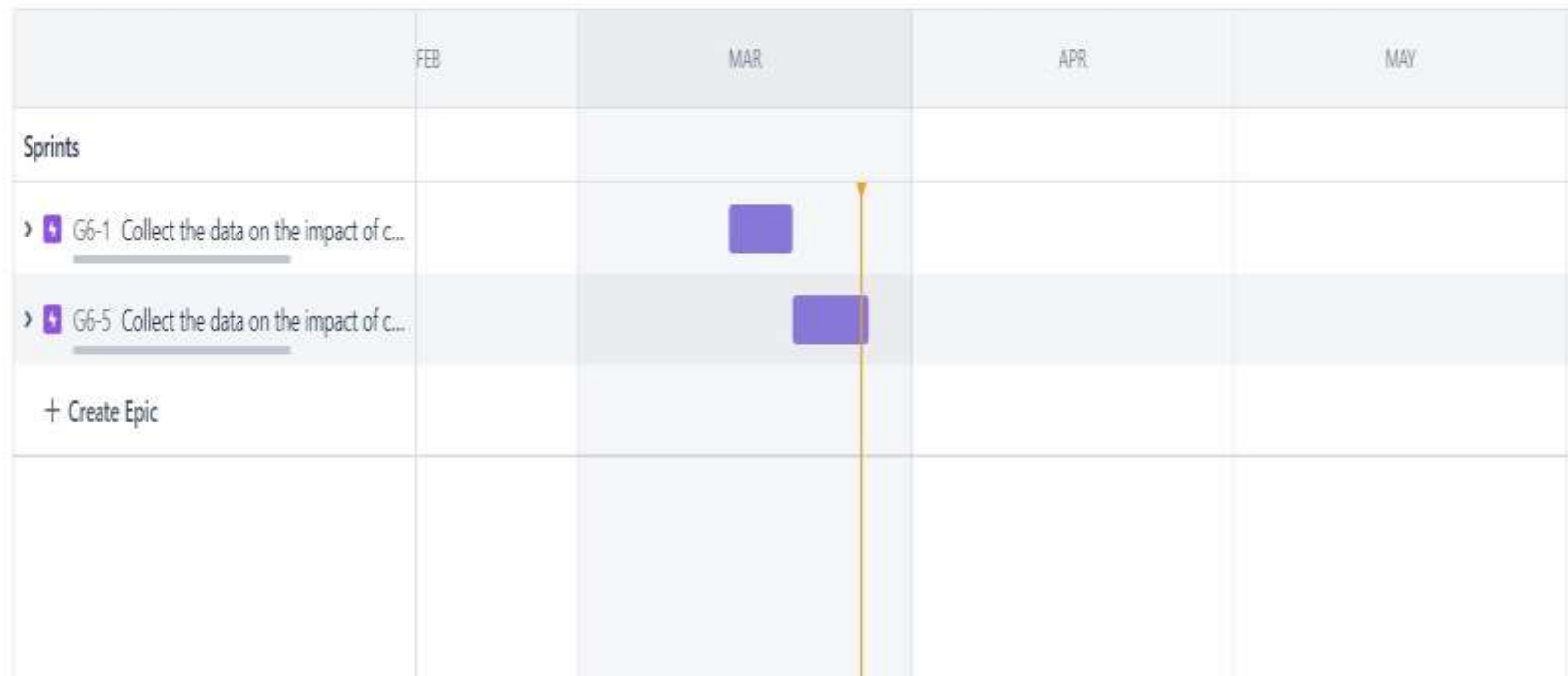
	FEB	MAR	APR	MAY
Sprints				
› G6-1 Collect the data on the impact of c...		▮		
› G6-5 Collect the data on the impact of c...		▮		
+ Create Epic				

covid data
Software project

PLANNING

Roadmap

Backlog

Board

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

Projects / covid data

Backlog

...

Q   NP MR AG GP   Epic ˅   Insights

+ Create issue

˅ **Backlog** (6 issues)   0 0 0   Create sprint

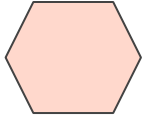|			
🔖 G6-2 Start by gathering data on the housing market in Canada. Look at housing prices, sales figures, market trends, and ...	COLLECT THE DATA ON THE IMPA...	TO DO ˅	AG
🔖 G6-3 Use a variety of analytical techniques to identify relationships and patterns. Look for correlations between the housi...	COLLECT THE DATA ON THE IMPA...	TO DO ˅	NP
🔖 G6-4 Develop visualizations of the data to present the impact of the pandemic on the housing market.	COLLECT THE DATA ON THE IMPA...	TO DO ˅	GP
🔖 G6-6 Use a combination of public and private data sources to collect information on consumer spending in Canada prior...	COLLECT THE DATA ON THE IMPA...	TO DO ˅	MR
🔖 G6-7 collect data on consumer spending in Canada pre-COVID, analyze the data to understand the trends and patterns i...	COLLECT THE DATA ON THE IMPA...	TO DO ˅	NP
🔖 G6-8 Ask professionals from a variety of professions their thoughts on the impact of covid in the consumer spending	COLLECT THE DATA ON THE IMPA...	TO DO ˅	MR

+ Create issue

Utilizing newly learned tools/techniques and methods

- Project backlog
- Daily Scrum
- Sprint Review
- Sprint Retrospective
- User Story
- Jira
- Power BI
- Tableau

Thanks !