## **Project planning phase**

Project planning template (product backlog, sprint planning, stories and story points)

Date	15/02/2025
Team ID	LTVIP2025TMID22336
Project Name	Global Energy Trends
Maximum Marks	

## Project, Backlog, Sprint schedule, and, Estimation

Sprints	Functional	User story	User Story/Task	Story	Team Members	
	Requirement (EPIC)	Number		Points		
Sprint -1	Data collection	GETS-1	The data collection is processes of gathering data, understanding data and loading the data.	4		
		GETS-2	Collect data The data set collect to kaggle website in internet		Ayyagari Sahana	
		GETS-3	Loading the data The loading the data on the power Bi		M.S.Azra Haleema	
		GETS-4	Understanding data The data understanding and analysing the data		Mulakaledu GnanaAmbika	
Sprint-2	Data Preparation	GETS-5	Here the data preparation and visualization and transformation the data	3		
		GETS-6	Prepare the data visualization The data to visualize the manage relationship one CSV to another CSV.		Gajula Harika	
		GETS-7	Data transformation The data transformation from excel to power bi.		Ayyagari Sahana	
Sprint-3	Data Visualization	GETS-8	The number of unique visualizations like charts, etc.			

GETS-9	Number of unique Visualization The number of unique visualizations area charts, pie charts, donut charts, map charts, slicer card, narrative etc.	M.S.Azra haleema
GETS-10	Country wise consumptions Here we had taken the area charts to visualize the country wise consumption we taken the X- axis year, in Y- axis country consumption.	Ayyagari Sahana
GETS-11	Continent wise consumptions Here we had taken the area charts to visualize the continent wise consumption we taken the X- axis year, in Y- axis continent consumption.	Ayyagari Sahana
GETS-12	Continent Average  Here we taken the card  chart in this chart we see  the continent average.	Gajula Harika
GETS-13	Country Average  Here we taken the card chart in this chart we see the country average.	Gajula Harika
GETS-14	Non- Renewable sources of energy Here we had taken the pie chart in total, coal, nuclear, natural gas, oil, waste to see the percentages of these	Ayyagari Sahana

	sources.	
GETS-15	Renewable Power Generation Here we taken the clustered chart, in this chart we can see the power generation of 1997 - 2017 bio-fuel, geothermal, hydro, solar PV.	Mulakaledu Gnanambika
GETS-16	Renewable sources of energy Here we had taken the donut chart of renewable sources of energy to know the percentages of the renewable sources of energy.	Ayyagari Sahana
GETS-17	Cards- Sum, Medium, Standard Deviation and Variance of Contribution Here to taken the card chart to see the different forms of contribution there are sum, median, standard deviation and variance of contributions.	Mulakaledu Gnanambika
GETS-18	Cards – Geothermal, bio- Fuel, hydro and Solar PV Here also we taken the card chart in this chart non- renewable sources of energy in this chart to see the sum of bio fuel, sum of solar PV, sum of Geothermal, sum of hydro etc.	M.S.Azra haleema
GETS-19	Report Narrative In this report narrative to taken the narrative chart in chart to analysis the graphs after to write the narrative	Gajula Harika
GETS-20	BRICS, OECD, and CIS Here we taken the bar graph in bar graph we taken the	Gajula Harika

			consumption OECD, BRICS, CIS		
		GETS-21	Energy Consumption in Africa Here we taken the line chart in this line chart in x-axis we taken the year and y-axis we taken the Algeria, Egypt, Nigeria, South Africa		Ayyagari Sahana
Sprint -4	Dash Boards	GETS-22	In this dashboard we are 3 dashboards are there	4	
		GETS-23	Global Energy Consumption Over Time The first dashboard is global energy consumption over time in this dash board to see the continent & country consumptions and country & continent averages, and years to see there and to select one country and continent to change the average values and years etc.		Ayyagari Sahana
		GETS-24	Energy Production: Source Here it is 2 dash board in this dash board to taken the energy sources to see the values of contributions and pie chart, donut chart clustered chart .to click on the non-renewable resources one source to change the valves and charts are there.		Mulakaledu Gnanambika
		GETS-25	Power Generation: Top 20 Countries In this third dashboard in the dash board to see the map in the to click the country to see the changes of sources values there are 4 sources bio fuel, geothermal, hydro, solar pv change the country wise Values to see the changes of sources values there are 4 sources bio fuel, geothermal, hydro, solar PV change the country wise values		Ayyagari Sahana

	Report	GETS-26	Here we see the report dash board	
		GETS-27	Report on Global Energy Trends The report dashboard to see the narrative and bar graph, energy sources of Africa	Gajula Harika
Sprint-5	Performance testing	GETS-28	Here to see the data filters and measures and column calculated.	5
		GETS-29	Application of Date Filters Here to change the data filter of data on them	Gajula Harika
		GETS-30	Use of Measures / Calculated Columns Here to calculate the Dax formulas to calculate the measures and column	Ayyagari Sahana
		GETS-31	Number of Graphs / Visualization There are some many graphs' visualizations of the project.	Gajula Harika
	Project Demonstration& Documentation	GETS-32	Here to watch the video and to see the document is there	
		GETS-33	Detail Explanation Video of Project Global Energy Trends To explain the video how to prepare the dashboards and data collection to detail explanation is there.	Ayyagari Sahana
		GETS-34	Project Documentation to prepare the document to planned and assigned the task to list out document.	Mulakaledu Gnanambika

## **Project Tracker**

Sprint	Total Story Points	Duration	Sprints Start Date {20/02/2025}	Sprint End Date {04/03/2025}	Story Points Completed {as on Planned end date}	Sprint Release Date { }
Sprints-1	4	3 Days	20/02/2025	22/02/2025	4	22/02/2025
Sprints-2	3	4 Days	21/02/2025	24/02/2025	3	24/02/2025
Sprints-3	13	7 Days	24/02/2025	02/03/2005	13	02/03/2005
Sprints-4	3	8 Days	24/02/2025	02/03/2005	3	02/03/2005
Sprints-5	4	8 Days	25/02/2025	04/03/2025	4	04/03/2025