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 (4 marks)

Sprints	Functional Requirement (EPIC)	User story Number	User Story/Task	Story Points	Team Members
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.	13	

		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