Product Backlog

SEAGATE EMPLOYEE CHURN PROJECT

Submitted by:

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Activities listed in descending order of value.

Epic	Tasks	User Stories	Size
Project Vision statement	Problem Statement	As a User, I want to comprehend the Problem Statement, so that I can better address the challenges faced by Seagate's HR team regarding predictive analytics of employee churn.	S:20
	Objective	As a User, I want to know the Objective, so that I can focus on developing a scalable, integrated data analysis framework tailored to Seagate's HR requirements.	S:20
	Scope	As a User, I want to grasp the Scope, so that the team understands the tasks required to achieve the goal of this project.	S:20
	Assumptions	As a User, I want to be aware of the Assumptions, so that I can base my analysis and predictions on a consistent understanding of factors affecting employee churn.	S:20
	Metrics/KPIs	As a User, I want to understand Metrics/KPIs, so that I can measure the efficiency of data integration, process automation impact, and forecasting accuracy effectively.	S:20
	Risks	As a User, I want to acknowledge the Risks, so that I can mitigate the risk of deriving contradictory insights and ensure the quality of decision-making.	S:20
	Benefits	As a User, I want to identify the Benefits, so that I can contribute to streamlined processes for HR data analysis and enhance precision in decision-making and future planning.	S:20
	Agile Roles	As a User, I want to know about the Agile Roles, so that I can understand the responsibilities within the project team and how it fits into the agile methodology.	S:20
	Key takeaways	As a User, I want to learn from the Key Takeaways, so that I can enhance my adaptability, collaboration, and understanding of iterative progress in project management.	S:20

Data cleaning and Evaluation	Understanding Data	As a User, I want to grasp the process of Understanding Data, so that I can accurately interpret data for better decision-making.	S:20
	Metadata	As a User, I want to learn about Metadata, so that I can use this information to manage and organize data effectively.	M:40
	Descriptive analysis	As a User, I want to perform descriptive analysis, so that I can summarize the main features of data, aiding in initial insights and further analyses.	L:60
	Issues with data	As a User, I want to identify Issues with data, so that I can address data quality and integrity problems early in the process and resolve it.	L:60
	Team discussion	As a User, I want to participate in Team discussion, so that I can collaborate with the team on addressing data issues and strategizing on analyses.	S:20
Modeling	Literature survey	As a User, I want to engage in Literature survey, so that I can base our modeling efforts on established research and methodologies.	M:40
	Model 1 – Preliminary stage	As a User, I want to develop and refine predictive Model 1 at various stages (Preliminary, Intermediate, Final), so that I can help in accurately forecasting employee churn and optimizing the hiring pipeline.	XL:80
	Model 1 – Intermediate stage		XL:80
	Model 1 – Final Stage		XL:80
	Model 2 – Preliminary Stage	As a User, I want to develop and refine predictive Model 2 at various stages (Preliminary, Intermediate, Final), so that I can help in accurately forecasting employee churn and optimizing the hiring pipeline.	XL:80
	Model 2 – Intermediate stage		XL:80
	Model 2 – Final Stage		XL:80
	Team Discussion – M1 and M2 Preliminary Stage	As a User, I want to participate in Team Discussion for M1 and M2 Preliminary Stage, so that I can contribute to the initial development and setup of our models, ensuring a solid foundation for further refinement.	S:20
	Team Discussion – M1 and M2 Intermediate Stage	As a User, I want to engage in Team Discussion for M1 and M2 Intermediate Stage, so that I can collaborate on analyzing interim results, addressing any issues, and making necessary adjustments to our predictive models.	S:20

	Team Discussion – M1 and M2 Final Stage	As a User, I want to be involved in Team Discussion for M1 and M2 Final Stage, so that I can help finalize our models, ensuring they are optimized, accurate, and ready for deployment in forecasting and decision-making processes.	S:20
Result compilation	Results from Model 1	As a User, I want to review the Results from Model 1, so that I can understand the effectiveness of the model, its accuracy in predicting employee churn, and its implications for HR strategic planning.	L:60
	Results from Model 2	As a User, I want to examine the Results from Model 2, so that I can compare its predictive performance to Model 1 and determine the best model for forecasting and decision-making purposes.	L:60
	Performance report	As a User, I want to compile the Model Performance report, so that I can evaluate the overall success of the project, identify opportunities for continuous improvement, and inform the stakeholders of the progress.	XXL:100
Documentation – Report	Report initiation and structure	As a User, I want to initiate the report and structure it properly, so that I can ensure all relevant information is communicated clearly and logically for stakeholders to understand the project's progression and outcomes.	M:40
	Introduction and Literature survey	As a User, I want to compile an Introduction and Literature Survey, so that I can provide context for our work, demonstrate its foundation in existing research, and justify the approaches taken.	S:20
	Model 1 description and evolution	As a User, I want to describe the development and evolution of Model 1, so that I can document the methodologies, challenges, and refinements made during the model's creation and testing phases.	L:60
	Model 2 description and evolution	As a User, I want to detail the description and evolution of Model 2, so that I can trace its development lifecycle, explaining how it differs from Model 1 and its unique contributions to our objectives.	L:60
	Results from Model 1 and 2	As a User, I want to present the Results from Model 1 and 2, so that I can compare their performances, highlight their strengths and weaknesses, and provide a data-driven recommendation on their usage.	M:40
	Cost of project	As a User, I want to analyze the Cost of the project, so that I can understand the financial implications of our work, ensuring that the benefits outweigh the expenses and have a better future financial planning.	S:20

	Next steps	As a User, I want to outline the Next Steps, so that I can propose a direction for continued research, development, or implementation based on our findings and the organization's strategic needs.	S:20
	Report Submission	As a User, I want to complete and submit the Report, so that I can officially communicate our findings, conclusions, and recommendations to the relevant stakeholders for review and action.	L:60
Documentation – Presentation	Presentation initiation and structure	As a User, I want to initiate and structure the Presentation, so that I can clearly and effectively convey the project's aims, methods, and outcomes to the audience in a logical and engaging manner.	M:40
	Introduction and Literature survey	As a User, I want to prepare an Introduction and Literature Survey for the presentation, so that I can provide a solid background and justify the necessity and relevance of our project to the stakeholders.	S:20
	Data evaluation	As a User, I want to discuss Data Evaluation in the presentation, so that I can demonstrate the thoroughness of our data analysis process and the integrity of the data that our models are based upon.	L:60
	Model 1 – Description and results	As a User, I want to describe Model 1 and present its results, so that I can inform stakeholders of its design, functionality, and the insights it has generated.	L:60
	Model 2 – Description and results	As a User, I want to describe Model 2 and present its results, so that I can showcase its unique features and the value it adds to our understanding of the problem.	L:60
	Results comparison	As a User, I want to compare the Results of Model 1 and Model 2, so that I can highlight the contrasts and complementarities between the two models, guiding stakeholders in decision-making.	L:60
	Cost of Project	As a User, I want to review the Cost of the Project in the presentation, so that I can discuss the investment made and its return, ensuring transparency and fiscal accountability.	S:20
	Next steps	As a User, I want to outline Next Steps in the presentation, so that I can propose a clear path forward, encouraging stakeholders to consider the future actions based on our project's findings.	S:20

	Conclusion	As a User, I want to craft a compelling Conclusion, so that I can summarize the project's achievements and its implications for the audience, leaving a strong final impression.	S:20
	Presentation to Stakeholders	As a User, I want to deliver the Presentation to the Stakeholders, so that I can effectively communicate all aspects of our work, from inception to conclusion, ensuring clarity and addressing any questions they may have.	XL:80