ProjectDesignPhase-II
DataFlow Diagram& UserStories

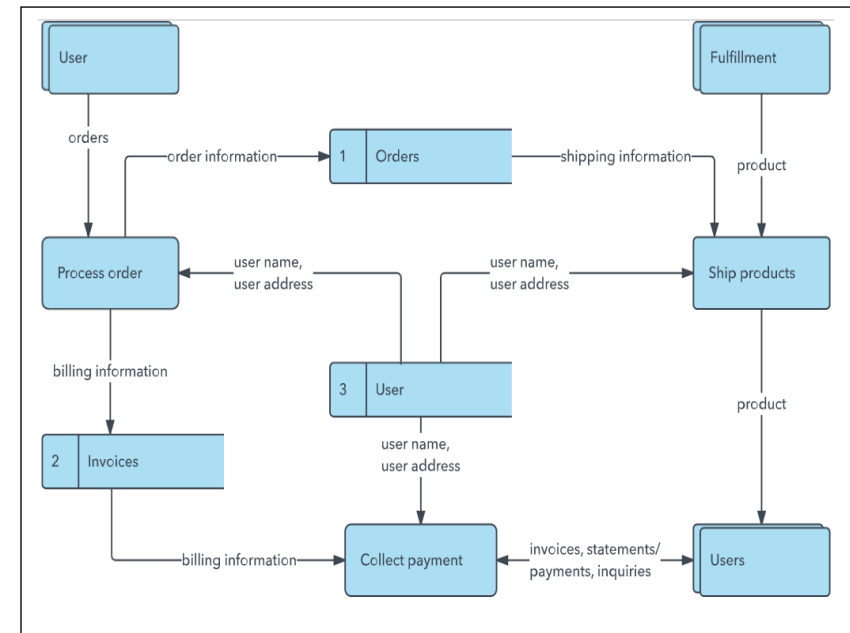| Date	03 November 2023
TeamID	NM2023TMID04359
ProjectName	Indian Food Eda
MaximumMarks	4 Marks

DataFlowDiagrams:

Example:(Simplified)

Flow
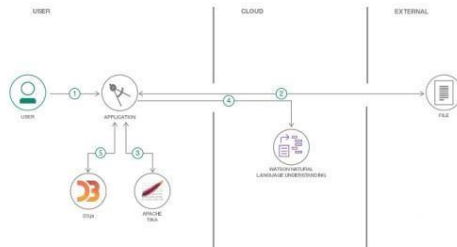
1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library.

Example:DFDLevel0(IndustryStandard)

UserStories:

User Type	FunctionalRequirement	UserStory/Task	AcceptanceCriteria	Priority	Release
FoodEnthusiast	Exploredatasettodiscover trending ingredients and cookingtechniques	As a food enthusiast, I want to explorethedatasettodiscover trending ingredients and cookingtechniques.	- Successfully access and load thedataset -Generatealistof trending ingredients and cooking techniques based on datasetanalysis	High	Release1
Nutritionist	Analyzenutritional information to identify healthy and balanced recipesformealplanning	As a nutritionist, I want to analyze nutritional informationinthedatasettoidentif yhealthy and balanced recipes for meal planning.	- Extract and analyze nutritional dataaccurately-Identifyrecipes meeting specified nutritional criteria	High	Release1
Chef	Visualizethepopularityof different cuisines overtime	Asachef,Iwanttovisualize the popularity of different cuisines over time to stay informed about evolving culinary trends.	-Generateclearandinsightful visualizations of cuisine popularity over time	Medium	Release2
HomeCook	Find recipes with simple and easily available ingredientsforquickmeal ideas	Asahomecook,Iwanttofind recipes with simple and easily available ingredients for quick meal ideas.	- Implement a search or filter functionalityforrecipesbased on simplicity and ingredient availability	High	Release1

User Type	FunctionalRequirement	UserStory/Task	AcceptanceCriteria	Priority	Release
RestaurantOwner	Analyzecustomerreviews andratingstounderstand preferences and improve menu offerings	Asarestaurantowner,Iwantto analyze customer reviews and ratings to understand preferences and identify areas for menu improvement.	- Extract and analyze sentiment from reviews - Identify key areas formenuimprovementbasedon analysis	High	Release2
FoodBlogger	Exploreseasonaltrendsin ingredients to create timely and relevant content	As a food blogger, I want to explore seasonal trends in ingredientstocreatetimelyand relevant content for my audience.	-Identifyseasonalpatternsin ingredient usage - Provide insights for creating relevant content based on seasonal trends	Medium	Release2