Project Design Phase-II Data Flow Diagram & User Stories

Date	21October2022
TeamID	PNT2022TMID50870
ProjectName	RetailStoreStockInventoryAnalytics
MaximumMarks	4 Marks

DataFlowDiagram:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amountof the system requirementgraphically.It showshowdata entersandleaves thesystem, whatchangestheinformation,andwheredata is stored.

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                                               ┌──────────────────┐
                                          ┌───▶│ Mail send to user│
                                          │    └──────────────────┘
                                          │              ▲
┌──────────────┐      ┌──────────┐        │    ┌──────────────────┐
│  Retailer    │─────▶│   User   │────────┼───▶│  Password forget │
│   (user)     │      │  Login   │        │    └──────────────────┘
└──────────────┘      └──────────┘        │
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                      ┌──────────┐        ┌──────────┐
                      │  Check   │───────▶│  Send    │
                      │credentials│       │ feedback │
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                           │              ┌──────────┐
                           └─────────────▶│Dashboard │
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              ┌─────────┐      ┌──────────┐     │
              │ Dataset │◀─────│  Upload  │◀────┤
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              │ Analyse │◀─────│ Analysis │◀────┤
              │  stock  │      └──────────┘     │
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              │ Predict │◀─────│ Predict  │◀────┘
              │  stock  │      └──────────┘
              └─────────┘
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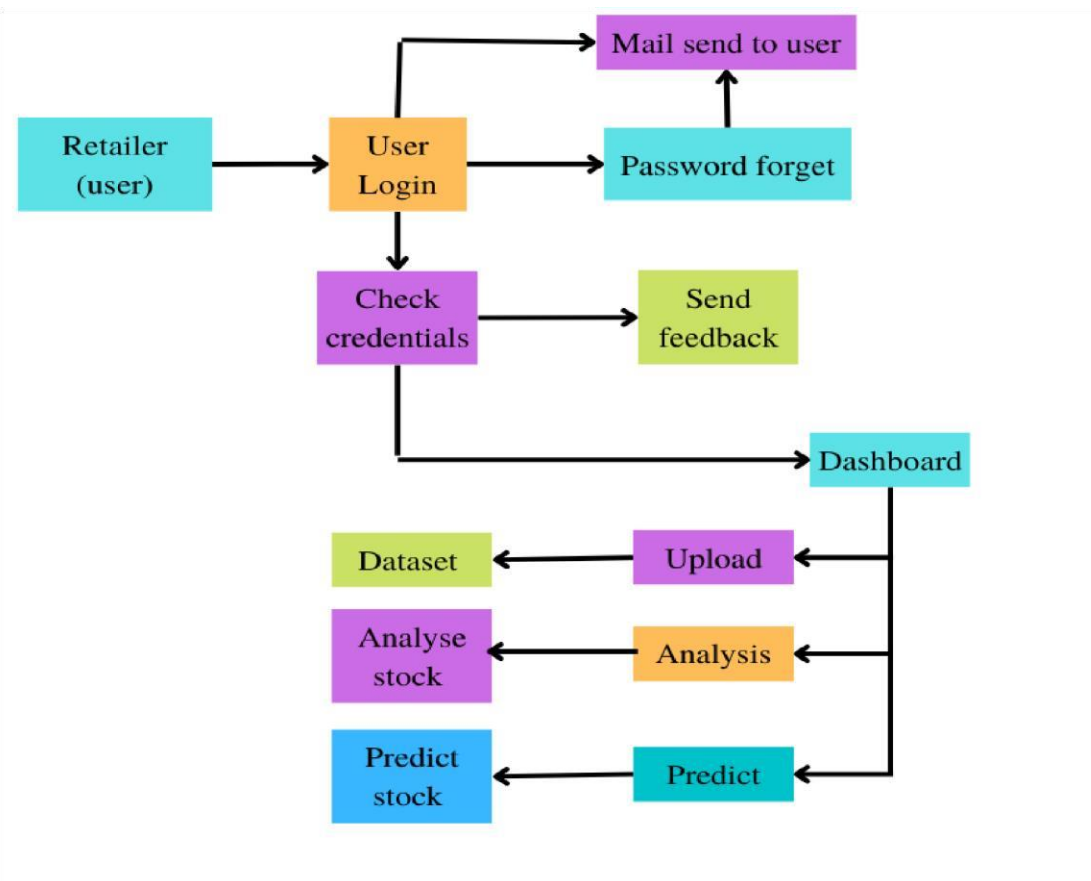
User Stories:

UserType	FunctionalRequirement(Epic)	UserStory Number	UserStory/Task	Acceptancecriteria	Priority	Release
Customer(Mobileuser)	Registration	USN-1	As a user, I can register for the web application by entering my email, password and confirming my password.	I can access my account/dashboard	High	Sprint-1
		USN-2	As a user, after completing the registration I will receive confirmation email once I have registered for the web application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the web application through LinkedIn	I can register & access the dashboard with LinkedIn Login	Low	Sprint-2
		USN-4	As a user, I can register for the web application through Google account	I can register & access the dashboard with Gmail login	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password after installing the web application	I can access the dashboard by login into the application	High	Sprint-1
	Dashboard	USN-6	As a user, I can view the charts and graphs representation of the data and the information shown in the dashboard	I can analyse the stocks in my retail store.	High	Sprint-1
Customer(Webuser)		USN-1	As a user, I can register for the web application entering my email, password, confirming my password.	I can access my account /dashboard	High	Sprint-1

UserType	FunctionalRequirement(Epic)	UserStoryNumber	UserStory/Task	Acceptancecriteria	Priority	Release
Customer CareExecutive		USN-2	As a user, after completing the registration I will receive confirmation email and have registered for the web application	I can receiveconfirmation email & confirm	High	Sprint-1

UserType	FunctionalRequirement(Epic)	UserStoryNumber	UserStory/Task	Acceptancecriteria	Priority	Release
Administrator		USN-3	As a user, I can register for the web application through LinkedIn	I can register & access the dashboard with LinkedIn Login	Low	Sprint-2
		USN-4	As a user, I can register for the webapplicationthroughGoogleaccount	I can register & access the dashboard with Gmaillogin	Medium	Sprint-1
	Login	USN-5	As a user, I can login to the web application by entering email & password after installing the application.	I can access the dashboard by login into the application	High	Sprint-1
	Dashboard	USN-6	As a user, I can view the charts and graphs representation of the data and the information shown in the dashboard.	I can analyse the stocks in my retail store.	High	Sprint-1
Customer CareExecutive		CCE-1	As a customer care executive, I will always be available for the interaction with the customer to clarify the queries.	An executive will analyse the customer complaints, rectify their problems	High	Sprint-2
Administrator		ADMIN-1	As an administrator, I will manage backup and recovery, data modelling and design distributed computing, database system,and a data security	Administrator can evaluate, design, review and implementing a data, they are also responsible for updating and maintaining the data.	High	Sprint-2