

Project Design Phase Data Flow Diagram & User Stories

Date	23 October 2023
Team ID	Team - 590941
Project Name	News Nest An Android Application For Keeping Up With The Latest Headlines
Maximum Marks	4 Marks

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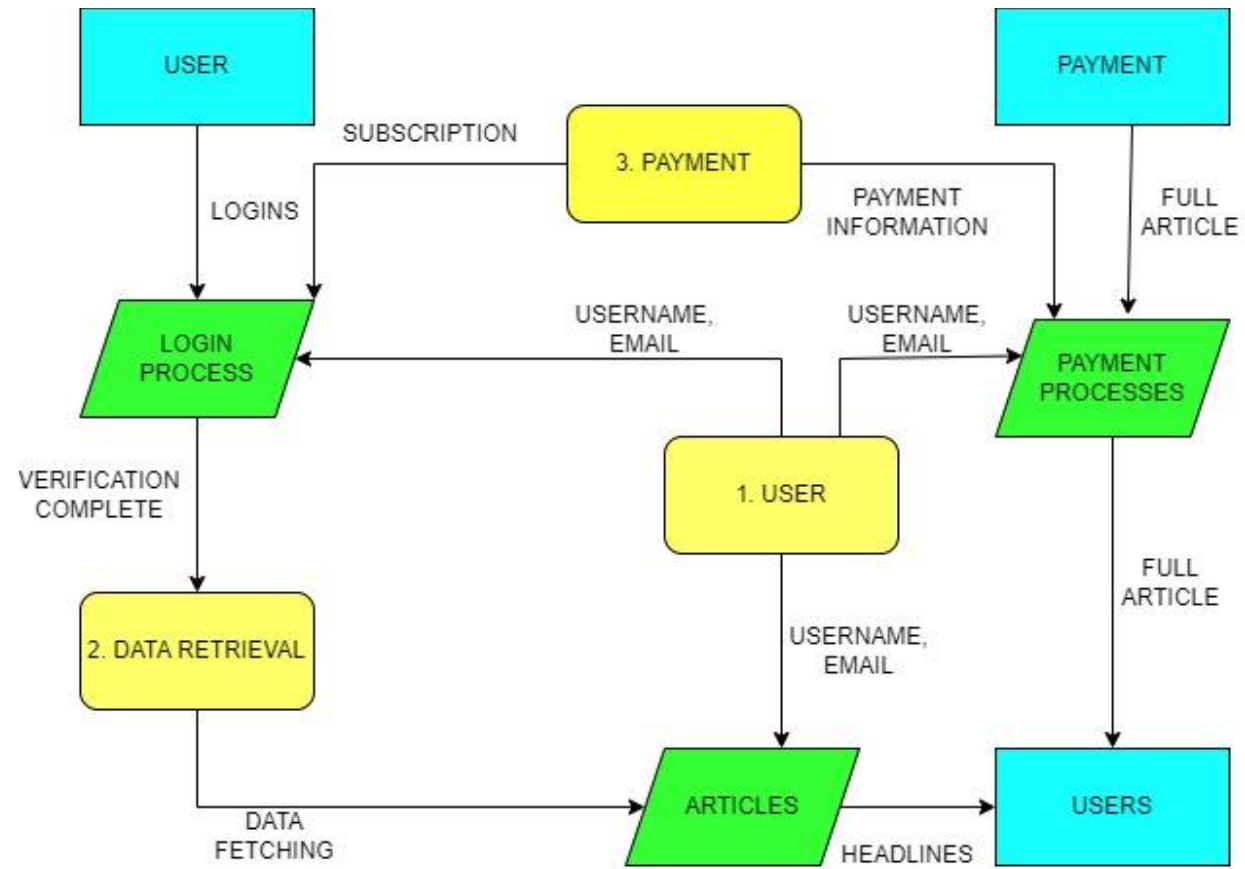
Data Flow Diagrams:

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 amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored. They are a visual representation of how data moves and is processed within a system and are a powerful tool for system analysis, design, and documentation. DFDs use standardized symbols and notation to depict the flow of data and the processes that act on that data.

DFD Level 0



DFD Level 1



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my username, email and password and my info will be checked when I am entering information whether I am entering correct type of information in its field.	My info will be saved in app's database once validated successfully.	High	Sprint-1
	Login	USN-2	As a user, I can login to the app by entering my username and password and will be verified with SQL database in backend.	I can start viewing news headlines.	High	Sprint-1
	Account retrieval	USN-3	As a user, I can retrieve my account by entering my username and email if I forgot password.	I can retrieve my account and start viewing headlines once again.	Medium	Sprint-2
	Sign Out	USN-4	As a user, I can sign out whenever I want.	I can sign out and sign in to the app only when I need	Low	Sprint-3
	Payment	USN-5	As a user, I want to read a specific article entirely so I can pay and get it.	I can read that article in a more detailed information.	Medium	Sprint-2
	Payment	USN-6	As a user, I can get a subscription and read all articles entirely for a specific period.	I can read whatever article I want entirely with detailed information.	Medium	Sprint-2
	UI / UX	USN-7	As a user, I can get user friendly interface.	I can get clean, well designed and ad free UI.	High	Sprint-1
Customer (Web user)	Anything	USN-8	As a web user, I can use the app just as the mobile user only if I have an android emulator.	I can do all functions as a mobile user if I have an emulator.	Low	Sprint-3
Customer Care Executive	User support and assistance	USN-9	As a CCE, I can help the users regarding their issues submitted through feedback.	The CCE provides clear and detailed response or help to address their issues / needs.	Medium	Sprint-3
Administrator	Data analytics and monetization	USN-10	As an administrator, I can analyse people interests and priorities and monetize my app accordingly.	The administrator has access to analytics that provide user activity and their interests. Administrator would monetize the app accordingly.	Medium	Sprint-3