

Project Design Phase-II

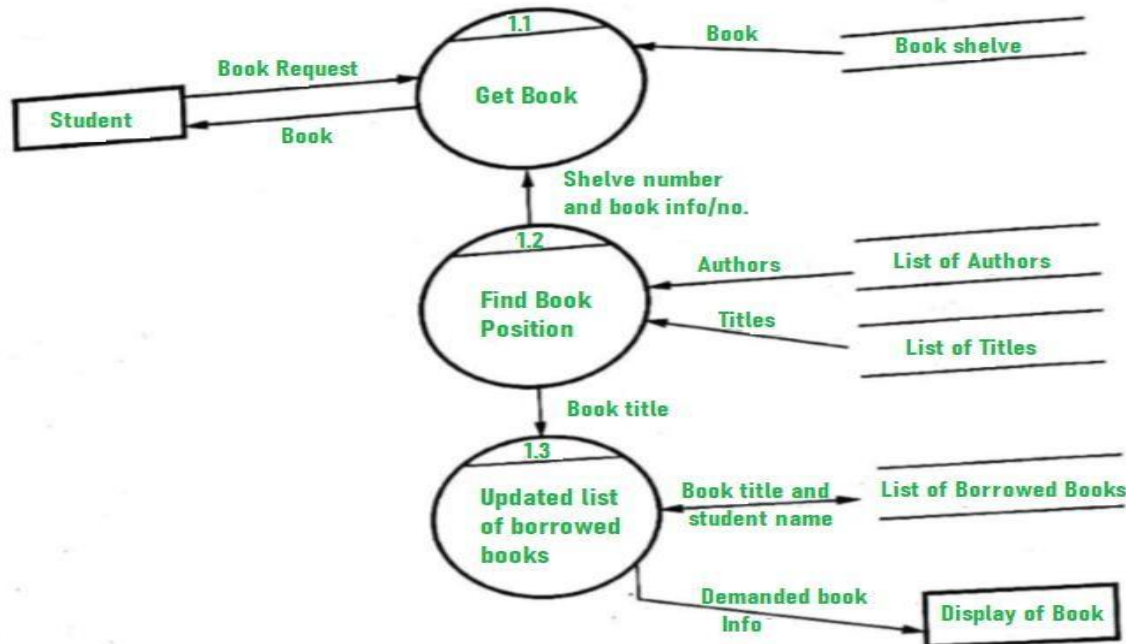
Data Flow Diagram & User Stories

Date	29 Oct 2023
Project Name	Blockchain-Powered Library Management

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.

Example:



User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Team Member
Librarian	Resource Catalogue Management	USN-1	As a librarian, I want to be able to efficiently catalogue and manage library resources to ensure that the library's collection is organized and accessible to students and patrons.	I have access to a cataloguing feature where I can input information about new resources, including title, author, ISBN, and category. I can edit and update resource details in the catalogue as needed	High	Revanthramesh
Librarian	User Access Control	USN-2	As a librarian, I want to have control over user access rights to ensure the security and privacy of sensitive library data.	I can set specific permissions for each user role, specifying what actions each role can perform within the system.	High	Rajapandian
Librarian	Resource Tracking and Overdue Fines	USN-3	As a librarian, I need to track the status of library resources and manage overdue fines to ensure the efficient operation of the library.	I can view a list of overdue resources and the associated fines.	High	Arjunyuvanesh
Student	Resource Borrowing	USN-4	As a student, I want to be able to borrow books from the library to support my studies and personal development.	I can access my user dashboard to view a list of borrowed books and their respective due dates.	High	Sachin
Administrator	Update and monitoring	USN-5	I can update a model and monitor its performance.	Monitoring and enhancement	Medium	Revanthramesh