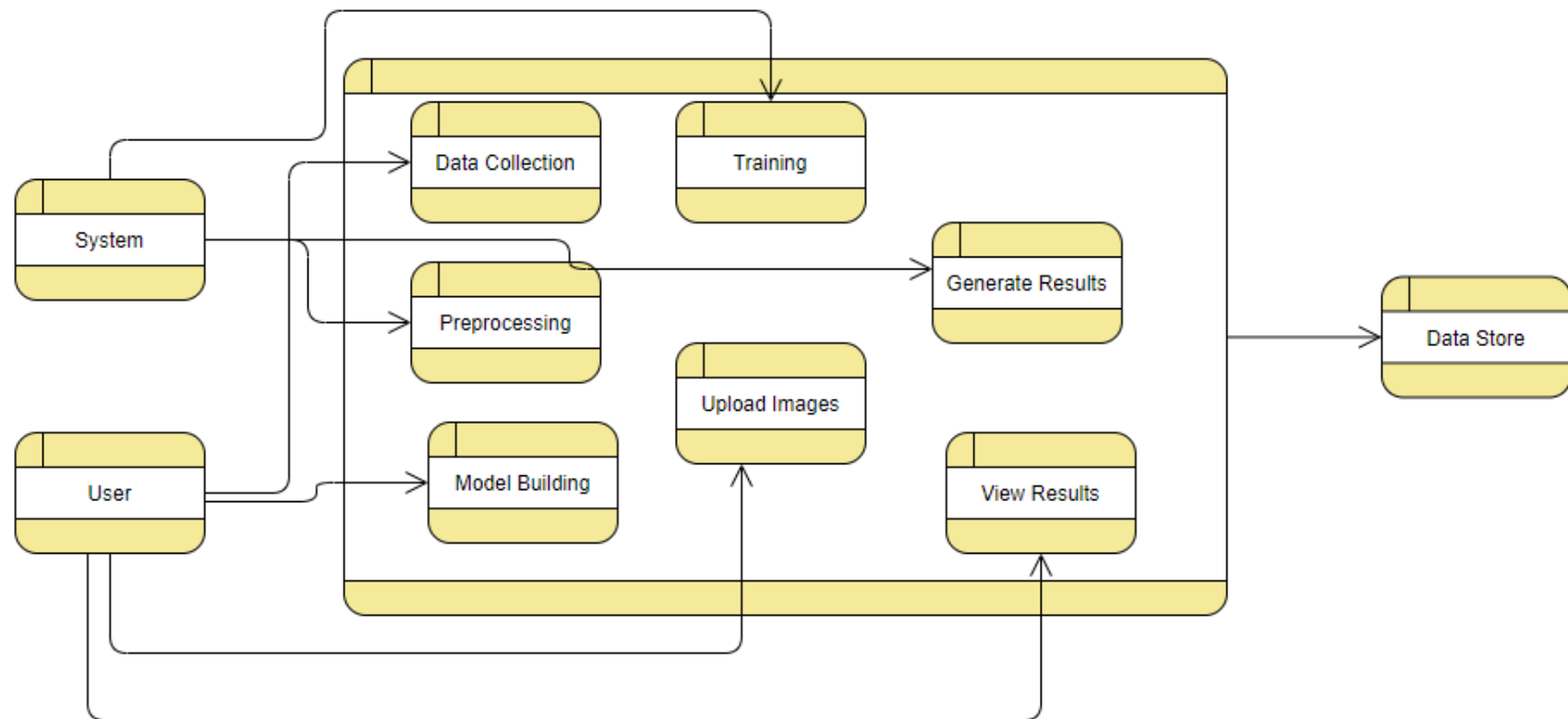


Project Design Phase
Data Flow Diagram & User Stories

Date	23 October 2023
Team ID	PNT2022TMID592235
Project Name	Project – Alzheimer Disease Prediction
Maximum Marks	4 Marks

Data Flow Diagram:



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Individuals at Risk	Early Detection	US01	As an individual at risk, I want to upload my medical imaging data.	- I can upload MRI or CT scans. - The system can process the uploaded data. - I receive a notification once the analysis is complete.	High	v1.0
Individuals at Risk	Early Detection	US02	As an individual at risk, I want to view my Alzheimer's risk assessment.	- I can access a detailed report outlining my risk level. - The report provides explanations and recommendations.	High	v1.0
Individuals at Risk	Educational Resources	US03	As an individual at risk, I want access to educational materials about Alzheimer's.	- I can access articles, videos, and FAQs about Alzheimer's. - The content is regularly updated.	Medium	v1.1
Caregivers	Caregiver Support	US04	As a caregiver, I want to access a caregiver support section.	- I can find tips, resources, and advice on caregiving. - Support is available through forums and chat.	High	v1.1
Caregivers	Early Detection	US05	As a caregiver, I want to register the patient under my care.	- I can add patient information, including medical history. - The system prompts me to upload medical imaging data for the patient.	High	v1.1
Healthcare Professionals	Data Integration	US06	As a healthcare professional, I want to integrate the system into my practice.	- The system is compatible with standard medical data formats. - It can be integrated with EMR systems.	High	v1.2
Administrators	User Management	US07	As an administrator, I want to manage user accounts.	- I can create, edit, and deactivate user accounts. - User roles (patient, caregiver, professional) are maintained.	Medium	v1.2
All Users	Privacy and Security	US08	As a user, I want assurance that my medical data is secure.	- Data is encrypted during transmission and storage. - The system complies with healthcare data protection regulations.	High	v1.0
All Users	Continuous Learning	US09	As a user, I want to be informed about system updates and improvements.	- Notifications are sent for new features and enhancements. - Updates are provided regularly.	Medium	v1.1