ID	Sprint	User Story / Technical Story (TS)	Acceptance Criteria	Story Points (SP)
US-01	Sprint 1	As a user, I want a visually appealing landing page so I can understand the system at a glance.	Must include a header, project description, CTA button, and demo preview.	3
US-02	Sprint 1	As a user, I want an intuitive navigation menu so I can easily access different sections of the website.	Implement navbar with links to Home, Upload, Results, and About.	2
US-03	Sprint 1	As a user, I want a simple image upload interface so I can easily upload my medical images.	Create a file upload UI (Frontend only, no backend integration).	3
US-04	Sprint 1	As a user, I want a responsive design so I can access the site on mobile devices.	Ensure UI adapts well to different screen sizes.	2
US-05	Sprint 1	As a user, I want to see a static results page so I understand how the diagnosis will be displayed.	Create a placeholder UI for displaying diagnostic results.	2
TS-01	Sprint 1	Set up frontend framework and project structure. As a developer, I want to set up the frontend framework and project structure so that the development process is organized and scalable.	Initialize React project and configure routing.	2
TS-02	Sprint 1	Implement UI components for buttons, inputs, and cards.	Ensure reusable and styled components are available.	3
US-06	Sprint 2	As a developer, I want to implement UI components for buttons, inputs, and cards so that the system has reusable and consistent elements.	Enable image uploads and store images in the database.	5
US-07	Sprint 2	As a user, I want my medical image to be analyzed automatically so I can receive a diagnosis.	Integrate AI model for classification of lung X-rays and brain MRIs.	8
US-08	Sprint 2	As a user, I want to see my diagnosis displayed clearly so I can understand the results.	Display AI-generated results on the frontend.	3
US-09	Sprint 2	As a user, I want my diagnosis results to be stored so I can access them later.	Store diagnosis and image data in a database.	5
US-10	Sprint 2	As a user, I want basic account authentication so I can securely log in and access my past diagnoses.	Implement login/sign-up functionality.	5
TS-03	Sprint 2	As a developer, I want to set up a backend API for image processing so that the system can analyze uploaded images efficiently.	Develop Flask/Django API to handle image uploads and analysis.	8
TS-04	Sprint 2	As a developer, I want to connect the frontend with the backend API so that data flows seamlessly between the client and server.	Ensure API endpoints are properly integrated with React.	5
US-11	Sprint 3	As a user, I want my diagnosis report to be downloadable so I can share it with doctors.	Generate PDF reports for diagnosis results.	5
US-12	Sprint 3	As a user, I want a faster processing time so I don’t have to wait long for results.	Optimize AI model inference time to under 2 seconds.	8
US-13	Sprint 3	As a user, I want role-based access (doctor, patient, admin) so I can have personalized features.	Implement RBAC with different user permissions.	5
US-14	Sprint 3	As a user, I want the system to be highly accurate so I can trust the diagnosis.	Improve AI model accuracy to at least 90%.	8
US-15	Sprint 3	As a user, I want to access the system online so I can use it from anywhere.	Deploy the web application and make it publicly accessible.	5
TS-05	Sprint 3	As a developer, I want to implement logging and error handling so that system failures can be monitored and resolved efficiently.	Ensure system logs errors and alerts admin for failures.	3