Sprint	User Story/Task	User Story/Tasks	Acceptance Criteria	Status
0	0.1	As a developer, I want to research and understand the immigration document requirements (I-20, I-94), so that I can build the necessary parsing functionality.	Clear understanding of I-20 and I-94 document structures. Document key fields that need to be parsed (e.g., Name, DoB, Visa Status).	Completed
0	0.2	As a developer, I want to set up the development environment and tech stack, so that the team can start building the application.	Development environment is set up (Python, Flask, AI frameworks). Shared repository for the team to collaborate.	Completed
1	1.1	As an International Student, I want to upload my I-20 document, so that I can view my basic information (Name, Date of Birth).	User can upload an I-20 PDF from the web interface. The system extracts and displays Name and Date of Birth.	Completed
1	1.2	As a developer, I want to implement the PDF upload functionality on the frontend and backend, so that students can upload their documents.	Users can upload PDFs from the frontend. The backend processes uploaded documents.	Completed
1	1.3	As a developer, I want to implement basic parsing functionality for I-20 documents, so that key fields (Name, DoB) can be extracted.	System parses I-20 documents and extracts Name and Date of Birth. Extracted information is displayed in the frontend user interface.	Completed
1	1.4	As a developer, I want to ensure the application has error handling during the document upload process, so that users receive appropriate feedback for failed uploads	Clear error messages for upload issues (e.g., wrong file type, corrupted file). The system logs errors for troubleshooting.	Completed
1	1.5	As a developer, I want to set up the basic structure of the Flask backend, so that I can manage file uploads and communication between the frontend and backend.	Flask is set up with routes for handling file uploads. The backend communicates with the frontend for document uploads.	Completed
2	2.1	As a developer, I want to collect immigration-related documents, so that the team can use them to provide personalized advice.	USCIS documents are collected. Common immigration-related Q&A are compiled.	Completed
2	2.2	As a developer, I want to implement a tagging system, so that we have a structure to sort all the AI training materials which can train AI to provide personalized responses.	Materials are systematically identified and tagged. Document data is centralized and mapped to relevant questions accurately.	Completed
2	2.3	As a developer, I want to develop an AI model (using BERT or an RNN), so that the system can handle user queries and deliver accurate responses.	AI model is trained on a dataset of immigration-related queries and document data. Model achieves an acceptable accuracy threshold in query-response testing.	Completed
2	2.4	As a International Student,, I want to input immigration-related questions or queries into the system, so that I can receive tailored advice.	Users can input and submit queries through the system. Queries are processed and mapped to relevant responses or document data.	Completed
2	2.5	As a International Student, I want a chatbox on the frontend where I can interact with the Immigration AI Advisor, so that I can easily ask questions and receive responses.	Chatbox is functional and user-friendly. Integrated with backend systems to process queries and display responses.	Completed
3	3.1	As a developer, I want to verify the performance of the vector database so that the AI Advisor retrieves accurate and efficient search results for immigration-related queries	The vector database achieves at least 95% accuracy, responds in under 200ms and passes load testing without crashes.	Completed
3	3.2	As a International Student,, I want the front-end to display AI-generated summaries of my immigration documents so that I can quickly understand the key points of my I-20	AI summaries are displayed correctly for 90% of uploaded documents, the design is responsive, and summaries refresh with a single click.	Completed
3	3.3	As a developer, I want the system to be optimized for performance and efficiency so that users experience faster processing times and smoother interactions.	AI outputs load in under 5 seconds, memory usage is stable over 24 hours, and database query times improve by 30%.	Completed
3	3.4	As a developer, I want to generate metrics on AI accuracy so that I can measure the system's performance and improve weak areas.	Accuracy metrics exceed 85% for standard tests, are displayed on a dashboard, and logs capture all failed cases.	Completed
3	3.5	As a International Student, I want pre-programmed immigration answers via the UI so that I can get instant responses to common queries.	Pre-programmed responses load in under 1 second for all queries, and 90% of users rate the responses as helpful.	Completed
3	3.6	As a International Student, I want AI-generated immigration answers via the UI so that I can get dynamic responses to complex queries	AI-generated answers load in under 3 seconds for all valid queries, and 90% of users rate the responses as helpful.	Not Completed
3	2.6	As a developer, I want to fine-tune the AI model, so that it delivers more accurate and high-quality responses to user queries.	Fine-tuned model achieves higher performance metrics compared to the baseline. Improvements are documented and validated against test cases.	Not Completed

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0	0.1	As a developer, I want to research and	Clear understanding of I-20 and I-94
0	0.2	As a developer, I want to set up the development	Development environment is set up (Python,
1	1.1	As an International Student, I want to upload my	User can upload an I-20 PDF from the web
1	1.2	As a developer, I want to implement the PDF	Users can upload PDFs from the frontend.
1	1.3	As a developer, I want to implement basic	System parses I-20 documents and extracts
1	1.4	As a developer, I want to ensure the application	Clear error messages for upload issues
1	1.5	As a developer, I want to set up the basic	Flask is set up with routes for handling file
2	2.1	As a developer, I want to collect immigration-	USCIS documents are collected.
2	2.2	As a developer, I want to implement a tagging	Materials are systematically identified and
2	2.3	As a developer, I want to develop an AI model	AI model is trained on a dataset of
2	2.4	As a user, I want to input immigration-related	Users can input and submit queries through
2	2.5	As a user, I want a chatbox on the frontend	Chatbox is functional and user-friendly.
2	2.6	As a developer, I want to fine-tune the AI model,	
3	3.1	As the VP of Global Services, I want access to	Admins can access reports that track system
3	3.2	As a developer, I want to ensure the AI	AI is enhanced to handle complex
3	3.3	As an Adviser, I want to receive notifications	Advisers receive notifications when new
3	3.4	As a System Administrator, I want to ensure that	All system errors during uploads or

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