

ID	User Story	Priority
MA-01	As a user, I want to start and stop finger tracking easily on the mobile application.	High
MA-02	As a user, I want to set up the camera and LED gloves for gesture tracking.	High
MA-03	As a developer, I want to manage device and server-related errors during setup.	Medium
VR-01	As a user, I want to view my 3D hand movements in VR/AR.	Low
VR-02	As a user, I want to monitor real-time hand tremors and calibration data in VR/AR.	Low
VR-03	As a developer, I want to ensure the camera and LED gloves integrate seamlessly with VR/AR.	Low
IP-01	As a user, I want to start and stop real-time gesture recording.	High
IP-02	As a developer, I want to enhance image quality with sharpening and noise reduction.	High
IP-03	As a developer, I want to output the processed gesture data in a format ready for machine learning processing.	Medium
ML-01	As a developer, I want to apply sharpening and noise reduction to gesture data.	High
ML-02	As a developer, I want to apply Kalman Filters and spline interpolation to smooth gesture paths.	High
ML-03	As a developer, I want to use a hybrid LSTM-CNN model to recognize movement patterns.	High
ML-04	As a developer, I want to optimize the machine learning model for mobile and VR/AR.	Medium
DV-01	As a user, I want to see my virtual writing rendered in 3D for accurate feedback.	Medium
DV-02	As a developer, I want to use OpenGL for real-time visualization of hand movements in VR/AR.	Medium
QA-01	As a developer, I want to test the application for performance, accuracy, and stability across all modules.	High
QA-02	As a developer, I want to ensure proper error handling across all modules.	High