state_machine_diagram

Start

Volunteer Idle

Volunteer Captures Photo

Photo Captured

Volunteer Initiates Upload

Uploading Photo → upload failed → Analysis Failed

upload success → validating photo → validating failed → Rejected Image

validating success → Analyzing Image

Analysis Success ← Analyzing Image → Analysis Failed

Analysis Success → Storing Results

Analysis Failed → Analysis Error Handling → Notify Volunteer of Error

Storing Results → Results Stored → Updating Dashboard → Dashboard Updated → End / Volunteer Idle