PROJECT STATUS REPORT
BARAKAT NUTRITION
AS OF: 10/20/2025

PROJECT STATUS SUMMARY   Percent Complete: 18%

Scope	Schedule	Cost	Risks	Quality

Week 9 was all about planning the technical architecture. We whiteboarded both the backend infrastructure and frontend user flows as a team, which gave us a solid foundation for development. We also had our third TA meeting and got some useful feedback and were told we are on track. For next week, we have a list of questions ready for Dr. Zamaryalai and Molly. We've wrapped up Execute Phase 1 and we're moving into Phase 2 (Figma design and backend planning). We're still early in the project since the AI model training (which is the bulk of our work) hasn't started yet on the Afghanistan and we just started our practice images. We need the training images first, and that collection process hasn't begun.

WORK PLANNED FOR LAST WEEK

- Write detailed image collection instructions for Dr. Zamaryalai
- Get final numbers on training data needs from the AI team
- Prepare all our medical and technical questions for Dr. Zamaryalai
- Coordinate with Molly about shipping fabric tape measures
- Start whiteboarding the backend and frontend
- Set up the bi-weekly meeting schedule (alternating in-person and virtual

WORK COMPLETED LAST WEEK

- **Backend Whiteboarding Done:** Mapped out the complete backend system including database schema, API endpoints, data flow, and how the AI modules will connect.
- **Frontend User Flow Mapped:** Designed the full user interface flow for health workers, covering data entry forms, photo workflows, and how results will display.
- **Third TA Meeting:** Met with our TA on October 14th, got feedback on our technical approach and how we're managing scope.
- **Questions Ready:** Put together a comprehensive list of questions for Dr. Zamaryalai about medical protocols, edema detection, HIPAA rules, and others logistics.
- **Team Sync Complete:** All teams (frontend, backend, AI) are on the same page about architecture and what's coming next.
- **Phase 1 Complete:** Finished all Execute Phase 1 deliverables and started Phase 2 work.

WORK PLANNED FOR NEXT WEEK

- Meet with Dr. Zamaryalai and Molly Thelosen
- Finalize the image collection guide based on their feedback

- Get answers to our compliance and edema questions
- Turn whiteboard designs into actual technical specs
- Start building Figma mockups for the mobile app
- Document the backend structure in detail (finish dbdiagram)
- Lock down which reference objects we're using
- Set up our Supabase Pro subscription

OPEN ISSUES

- **Image Collection Timeline** - Still waiting on final numbers from Toby and Tai so Dr. Zamaryalai knows exactly what to collect (should be resolved Week 10).
- **Medical Protocol Questions** - Got questions ready for Dr. Zamaryalai about edema and WHO guidelines (meeting scheduled for 10/20/2025).

DELIVERABLES AND MILESTONES

Milestone	WBS	Planned	Forecasted	Actual	Status
Complete Project Charter	1.6	10/13/25	10/13/25	10/30/25	Completed (Late)
Image recognition plan finalized	2.1	10/26/25	11/13/25	-	In Progress
AI approach determined	2.4	10/26/25	11/13/25	-	In Progress
Reference object decided	2.3	10/26/25	11/13/25	-	In Progress
Backend structure planned	3.2	11/15/25	11/06/25	11/06/25	Completed (early)
Figma design completed	3.1	11/15/25	11/15/25	-	On Schedule
First version model developed	4.4	12/15/25	12/15/25	-	Not started
Deliverable	WBS	Planned	Forecasted	Actual	Status
Finalize Business Case	1.1	10/13/25	10/13/25	10/05/25	Completed
Complete Detailed Requirements	2.5	10/26/25	11/13/25	-	In Progress
Image collection guide	2.1	10/26/25	11/13/25	-	In Progress
Camera app ready	2.2	10/26/25	11/10/25	-	On schedule
Figma design of app	3.1	11/15/25	11/13/25	-	On Schedule
Training data collected (10,000 images)	4.3	12/15/25	12/15/25	-	Not Started

OPEN CHANGE REQUESTS

Change Request Name	Change Request Number	Request Date	Current Status
N/A			

KEY PERFORMANCE INDICATORS (KPI's)

Schedule - Project is On Schedule
Schedule Variance (SV):   + 9 days (backend whiteboarding done ahead of time, Figma planned to be done ahead of time)

Cost - Project is On Budget
Cost Variance (CV): $0 (Supabase and other costs start Week 10)