

Sprint 2 Summary 4-Up View

Accomplishments

- Midterm Evaluation Document completed and submitted.
- Terraform environment restored and verified; backend infrastructure now stable.
- Backend successfully deployed and connected through Terraform.
- DynamoDB schema work progressing with initial tables and relations defined.

In Progress

- Alex – Testing the legacy code provided by the sponsor to verify functionality and conversion accuracy.
- Liang – Finalizing and refining the DynamoDB schema for user and AI data storage.
- Vitaliy – Fixing the remaining Terraform setup error, then shifting to DynamoDB integration assistance.
- Brady/Vandorian – Linking the backend to the frontend using the deployed Terraform infrastructure.

Risks / Issues

- Minor Terraform configuration error still pending fix (Vitaliy resolving).
- Potential delays in database integration if schema testing extends beyond sprint.
- Frontend-backend linking dependent on EKS service endpoint availability.
Need to maintain cost efficiency and monitor AWS resource usage.

Next Steps (Sprint 3 Preview)

- Complete DynamoDB schema testing and fully connect backend storage.
- Verify frontend-backend communication via CloudFront and S3 deployment.
- Assist with Bedrock prompt evaluation integration after database linking.
- Review infrastructure automation scripts for Terraform consistency and version control.