Omnidash - SOW

Scope of Work (SOW)

Omni Dash — Phase 1 YouTube MVP

Service Provider: Second Life Software

Client: Omni Dash

Hourly Rate: $165/hour (Revised to $165)

Total Estimated Hours: 55–74 hours

Estimated Project Cost: $9,075 – $12,210

Engagement Type: Time & Materials (Milestone-Based)

Platform Scope: YouTube only

Delivery Model: Web-first, production-ready MVP

Project Objective

Second Life Software will design and implement a **production-ready YouTube MVP** of Omni Dash focused on **AI-assisted comment engagement**, with a **robust guardrail framework** that ensures safety, auditability, and creator control.

Autonomous Mode is treated as a stretch goal to be implemented only after the core MVP is stable and approved.

Assumptions

- YouTube is the **only supported platform** in Phase 1

- Web application only (no mobile apps)

- Firebase Authentication is used for creator login

- Guardrails are included in core scope

- **Autonomous Mode is optional and time-permitting**

- No LoRA or model training in Phase 1

- AI-assisted development tools may be used internally

- Production-quality delivery (not demo-only)

Milestone Breakdown (8 Milestones)

Milestone 1 — Architecture, Scope Lock & Guardrail Design

Estimated Effort: 6–8 hours

Deliverables

- Final system architecture (Web, API, Workers, Inference)

- Confirmed Phase 1 scope and exclusions

- Detailed guardrail policy definitions:

    - eligibility

    - behavioral limits

    - safety checks

    - audit requirements

- Definition of Assisted vs Stretch Autonomous boundaries

Acceptance Criteria

- Architecture and guardrail strategy approved

- Phase 1 scope formally locked

Milestone 2 — Authentication & Creator Onboarding

Estimated Effort: 6–8 hours

Deliverables

- Firebase Authentication integration

- Creator onboarding flow

- Backend JWT verification and user mapping

Acceptance Criteria

- Creators can securely sign up and log in

- Backend authorizes users correctly

Milestone 3 — YouTube Connection & Comment Ingestion

Estimated Effort: 7–10 hours

Deliverables

- YouTube OAuth connection

- Comment ingestion (threaded comments, pagination)

- Deduplicated storage using internal comment IDs

Acceptance Criteria

- Comments ingest reliably from connected channels

- No duplicate comments stored or processed

Milestone 4 — Unified Inbox & Comment Lifecycle

Estimated Effort: 7–9 hours

Deliverables

- Unified inbox UI for YouTube comments

- Comment lifecycle state machine:

  - ingested

  - eligible

  - replied

- Filtering and threading support

Acceptance Criteria

- Creators can view and manage comments in a single inbox

- Comment state transitions are deterministic and logged

Milestone 5 — AI Assisted Mode & Creator Voice

Estimated Effort: 8–10 hours

Deliverables

- AI reply generation for Assisted Mode
- Creator Voice Profile configuration:
  - tone
  - length
  - emoji rules
  - phrase bans
- Approve / edit / reject workflow

Acceptance Criteria

- AI replies follow configured creator voice
- No reply is posted without creator approval

Milestone 6 — Guardrails & Safety Enforcement (Core Scope)

Estimated Effort: 8–10 hours

Deliverables

- Guardrail enforcement applied to all AI outputs:
  - reply deduplication
  - rate limits
  - active hours
  - topic and safety blocks
- Post-generation safety validation
- Full audit logging (why a reply was allowed or blocked)

Acceptance Criteria

- Guardrails prevent unsafe or repetitive replies

- All actions are auditable and traceable

Milestone 7 — Autonomous Mode (Stretch Goal)

Estimated Effort: 6–9 hours (time-permitting)

Deliverables (if time allows)

- Optional Autonomous Mode enablement

- Explicit creator opt-in

- Kill switch and pause controls

- Autonomous replies executed only within existing guardrails

Acceptance Criteria

- Autonomous Mode operates safely under guardrails

- Creators can instantly disable it

> Note: If total project hours are reached before this milestone, Autonomous Mode may be deferred without impacting MVP acceptance.

Milestone 8 — QA, Stabilization & Client Handoff

Estimated Effort: 7–10 hours

Deliverables

- End-to-end testing of Assisted Mode workflows

- Bug fixes and stability improvements

- Client walkthrough and handoff documentation

Acceptance Criteria

- Assisted Mode is production-ready

- Guardrails are verified

- Client approves MVP for early user onboarding

Out of Scope (Explicit)

- Instagram, X, or additional platforms

- LoRA or any form of model training

- Native mobile applications

  - Let me know if this is gonna be a blocker we can work this out to have mobile app support for IoS and Android

- Direct messages (DMs)

- Enterprise workflows

- Growth analytics beyond MVP metrics

Payment Terms

- Billed hourly at **$165/hour**

- Invoiced per milestone or bi-weekly

- Estimated total: **$9,075 – $12,210**

- Work pauses if invoices exceed 10 days past due

Change Management

Any change to scope, assumptions, or deliverables requires:

- Written change request

- Updated hour estimate

- Client approval prior to execution

Acceptance

Proceeding with this Scope of Work indicates acceptance of scope, pricing, assumptions, and delivery approach.

Disclaimer

We want to acknowledge that we are here to complete work to the client's standard and we are happy to modify the Technical Specification and SOW to make sure that the client is happy with the work output.