

# CSIS 4495\_050 – Progress Report 3

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Course / Section	CSIS 4495_050
Project Title	Gluu Admin Dashboard

## Work Date / Hours Log

Date	Number of Hours	Description of Work Done
Oct 10, 2025	2	Defined analytics scope for midterm report
Oct 11 ,2025	2	Implemented PostHog init module and Vite env typing; ensured SDK loads before first render; verified pageview fired on initial paint; enabled masked session recordings.
Oct 11 ,2025	0.5	Verified auto capture and route-change pageviews; created baseline Funnel (Sign-up → Onboarding → Upload) and Retention definitions; no synthetic data used.
Oct 14 ,2025	1.5	Attach PostHog Output into Admin Dashboard. Also adjust screen to perfect fit with frame wire.
Oct16, 2025	1.5	Embedded direct links to Funnel/Retention in report; documented Windows PowerShell npm policy fix so dev env can run PostHog-enabled builds reliably.
Oct 21, 2025	2	Midterm report format and writing.
Oct 22, 2025	3	Midterm report format and writing.
Oct 23, 2025	1.5	Midterm report format and writing.
Oct 23, 2025	2	Checking everything for midterm showcase.
Oct 23, 2025	1	Meeting with Zane @3pm

## Description of Work Done

I began on October 10 by defining the PostHog analytics scope for the midterm report, clarifying the event taxonomy, KPIs, and privacy posture. On October 11 I implemented the PostHog initialization module with Vite environment typing and ensured the SDK loads before the first render; I verified that the initial pageview fires on first paint and enabled masked session recordings. Later the same day I validated autocapture and route-change pageviews, and I set up baseline Funnel (Sign-up → Onboarding → Upload) and Retention definitions without using any synthetic data. On October 14 I attached PostHog outputs to the Admin Dashboard and adjusted the layout to fit the wireframe precisely so analytics tiles render cleanly at the intended frame size. On October 16 I embedded direct links to the Funnel and Retention views in the report and documented the Windows PowerShell npm execution-policy fix so PostHog-enabled builds run reliably in the dev environment.

From October 21 to 23 I focused on the midterm report formatting and writing, integrating the PostHog sections, figures, and links. On October 23 I completed a comprehensive check of the analytics flows, dashboard displays, and evidence for the showcase. I also met with Zane at 3 pm to walk through the current analytics implementation, confirm

## **CSIS 4495\_050 – Progress Report 3**

that the SDK initialization and masking approach meet our privacy posture, review the funnel/retention definitions, and align next steps on instrumenting onboarding and upload events once those flows go live.

All of my work is still in feature/PostHog branch. Also, I config some file from gluu github (their gluu website) but will not commit to gluu project directly due it not fully complete yet.