

PROGRESS REPORT - 5 OCTOBER 2026

Horse Tinder

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ABOUT THIS DOCUMENT

This progress report shows how far the project has come against its requirements as of the date on the cover. It lists every use case and non-functional requirement with its current status and priority, and then describes each use case in detail. Status is kept up to date by the project team.

Overview

Horse Tinder is a mobile discovery and messaging platform designed for horses and system administrators. The system enables horse users to browse profiles and communicate while granting administrators control over account verification and moderation.

1. Use Case Model

This section shows how each actor interacts with the system through its key use cases.

The Horse actor uses the platform to set up personal profiles, evaluate potential matches through profile browsing, and engage in direct chats with mutual matches. The Admin actor oversees platform operations by reviewing reported profiles, managing user access, verifying accounts, and monitoring system analytics.

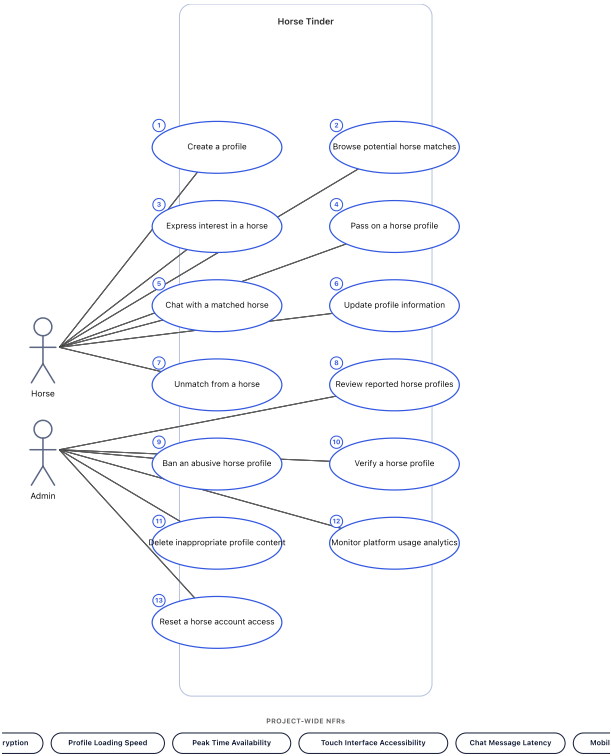


Figure 1: Use Case Diagram

2. Progress

The table shows the current status of every use case and non-functional requirement as of 5 October 2026.

USE CASES NON-FUNCTIONAL OVERALL OPEN, HIGH PRIORITY
5 / 13 done **3 / 6 done** **8 / 19 done** **0**

 Done 8  In progress 4  Open 7

#	REQUIREMENT	PRIORITY	STATUS	CLOSED BY
UC-1	Create a profile		 Done	tai
UC-2	Browse potential horse matches		 In progress	
UC-3	Express interest in a horse		 Done	tai
UC-4	Pass on a horse profile		 Done	tai
UC-5	Chat with a matched horse		 Open	
UC-6	Update profile information		 In progress	
UC-7	Unmatch from a horse		 In progress	
UC-8	Review reported horse profiles		 In progress	
UC-9	Ban an abusive horse profile		 Open	
UC-10	Verify a horse profile		 Open	
UC-11	Delete inappropriate profile content		 Done	tai
UC-12	Monitor platform usage analytics		 Done	tai
UC-13	Reset a horse account access		 Open	
NFR-1	Communication Encryption Project-wide		 Open	
NFR-2	Profile Loading Speed Project-wide		 Open	
NFR-3	Peak Time Availability Project-wide		 Open	
NFR-4	Touch Interface Accessibility Project-wide		 Done	tai
NFR-5	Chat Message Latency Project-wide		 Done	tai

#	REQUIREMENT	PRIORITY	STATUS	CLOSED BY
NFR-6	Mobile Platform Support Project-wide		 Done	tai

3. Use cases

Each use case below describes one capability the system provides, along with any requirements specific to it.

UC-1: Create a profile ● Done

The Horse sets up a personal profile containing bio details, media, and location parameters.

UC-2: Browse potential horse matches ● In progress

The Horse views profiles of candidate horses available within the discovery queue.

UC-3: Express interest in a horse ● Done

The Horse indicates a positive like on a displayed horse profile.

UC-4: Pass on a horse profile ● Done

The Horse declines a displayed horse profile to advance to the next candidate.

UC-5: Chat with a matched horse □ Open

The Horse sends and receives direct messages with a mutually matched horse.

UC-6: Update profile information ● In progress

The Horse modifies existing profile content, bio descriptions, or uploaded media.

UC-7: Unmatch from a horse ● In progress

The Horse removes an active match connection and terminates the associated chat access.

UC-8: Review reported horse profiles ● In progress

The Admin inspects horse profiles flagged by users for policy violations.

UC-9: Ban an abusive horse profile □ Open

The Admin suspends access for a horse profile that violates platform rules.

UC-10: Verify a horse profile □ Open

The Admin assigns a verified status badge to an authenticated horse profile.

UC-11: Delete inappropriate profile content ● Done

The Admin removes specific media or text elements from a horse profile.

UC-12: Monitor platform usage analytics ● Done

The Admin views platform-wide metrics regarding active users, matches, and system traffic.

UC-13: Reset a horse account access □ Open

The Admin resets access credentials for a horse user struggling with login issues.

4. Project-wide non-functional requirements

The following non-functional requirements apply across the whole system, rather than to any single use case.

- **NFR-1 Communication Encryption:** All horse profile details, location data, and direct chat messages must be encrypted in transit using TLS 1.3 and at rest using AES-256.
- **NFR-2 Profile Loading Speed:** The system must load and display the next potential horse profile and media within 1.5 seconds during active profile browsing over a standard 4G network.
- **NFR-3 Peak Time Availability:** The matching engine and chat services must maintain 99.9% uptime during peak active grazing hours from 06:00 to 22:00 daily.
- **NFR-4 Touch Interface Accessibility:** Interactive elements for liking, passing, and profile navigation must feature oversized touch targets of at least 64x64 pixels to accommodate effortless single-tap swiping.
- **NFR-5 Chat Message Latency:** Direct messages sent between matched horses must be delivered to the recipient device within 2 seconds when both devices are online.
- **NFR-6 Mobile Platform Support:** The application must operate seamlessly on mobile devices running iOS 15 or higher and Android 10 or higher.