

Sprint Backlog Grooming Meeting Minutes:

Attendees: Nikolas Tsalikis, Anthony Pacheco, Lucca Pinto, Federico Marrero, Katherine Cruz

Start time: 8:00 PM

End time: 9:00 PM

The following user stories were created/discussed/refined/prioritized.

- All user stories were completed.

The user stories below are completed.

- User Story #1: Resolved what usability features to add.
- User Story #2: Determined use cases for preferred TCP/UDP protocols.
- User Story #3: Developed initial user interfaces for the application.
- User Story #4: Re-assessed minor features desired by end users.
- User Story #5: Analyzed use cases for the type of VPN we are developing based on user feedback.
- User Story #6: Implemented backend performance improvements to optimize data handling.
- User Story #7: Integrated client-side validation to improve form submission reliability.
- User Story #8: Conducted security testing to ensure data encryption meets project standards.
- User Story #9: Documented setup procedures for local and remote deployment environments.
- User Story #10: Enhanced session management to improve connection stability during multi-user testing.
- User Story #11: Optimized database queries to reduce authentication delays and increase responsiveness.
- User Story #12: Refined frontend design elements for consistency across different device resolutions.
- User Story #13: Created automated test scripts to streamline future debugging and deployment cycles.
- User Story #14: Perform final examinations of resource consumption while multiple clients are connected to the VPN server.
- User Story #15: Revoke unsecure signed certificates and clients that may have been compromised.
- User Story #16: Prepare documentation by explaining important config files in our VPN.
- User Story #17: Conduct final verification of firewall and routing rules to ensure all client traffic is correctly tunneled.
- User Story #18: Validate backup and recovery scripts to confirm they restore essential configuration files without errors.
- User Story #19: Review UX flow to verify that the application remains intuitive during the final testing phase.

- User Story #20: Cross-check all implemented encryption settings to ensure they match the project's established security standards.
- User Story #21: Complete a final round of integration testing to confirm compatibility between all major system components.
- User Story #22: Confirm that our configurations in the VPN server comply to the standards of a full tunnel and routed VPN.
- User Story #23: Experiment with other ports than 1194 which is the default port used in OpenVPN to establish connections.
- User Story #24: Verify that client configuration files can be consistently generated and distributed without errors.
- User Story #25: Test VPN connectivity across different operating systems to ensure cross-platform compatibility.
- User Story #26: Evaluate logging output to ensure important connection and error events are clearly recorded and readable.
- User Story #27: Validate that user authentication methods (certificate and PAM) function correctly under different scenarios.
- User Story #28: Conduct additional stress testing to observe system behavior under prolonged usage.
- User Story #29: Review and finalize firewall rules to ensure no unintended traffic bypasses the VPN tunnel.
- User Story #30: Ensure IP forwarding and routing configurations correctly handle client traffic without leaks.
- User Story #31: Confirm that all configuration files are properly organized and accessible for future maintenance.
- User Story #32: Perform final usability checks to ensure the interface supports basic user interactions without confusion.
- User Story #33: Prepare demonstration scenarios that showcase key features and functionality of the VPN system.