

SkillSwap Product Backlog

1. User Authentication & Account Management

Epic: Secure Sign-up, Login, and Account Recovery

ID	User Story	Priority	Acceptance Criteria	Dependencies	Effort (SP)
PB-001	As a user, I want to register with my email and username so I can use the app.	High	Validations for unique email/username, password rules, email verification.	Email Service Integration	5
PB-002	As a user, I want to log in securely to access my account.	High	JWT token-based session; incorrect credentials blocked after 5 tries.	PB-001	3
PB-003	As a user, I want to reset my password via email.	High	Secure password reset token, expiry link, email notification.	PB-001	5

2. Skill Discovery & Browsing

Epic: Browse, Search, and Filter Skills

ID	User Story	Priority	Acceptance Criteria	Dependencies	Effort (SP)
PB-004	As a user, I want to browse a list of skills other users offer.	High	Skill cards with basic info (title, rating, category) shown.	PB-002	5
PB-005	As a user, I want to search skills by name or keyword.	High	Live search with suggestions; relevant results displayed.	PB-004	3
PB-006	As a user, I want to filter skills by category and level.	Medium	Dropdown filters with real-time updates to listings.	PB-004	3

3. Matching and Session Scheduling

Epic: Skill Matching & Availability Booking

ID	User Story	Priority	Acceptance Criteria	Dependencies	Effort (SP)
PB-007	As a user, I want to send match requests to other users based on skill interest.	High	Match request sent; visible in both users' dashboards.	PB-004	5
PB-008	As a user, I want to accept or reject match requests.	High	Response saved; notification sent to requester.	PB-008	3
PB-009	As a matched user, I want to schedule a session at a mutually convenient time.	High	Integrated calendar; time conflict validation; confirmation prompt.	PB-008	5

4. Messaging System

Epic: Real-Time User Communication

ID	User Story	Priority	Acceptance Criteria	Dependencies	Effort (SP)
PB-010	As a matched user, I want to message my match to coordinate details.	High	Secure chat with timestamps, only available to matched users.	PB-008	5
PB-011	As a user, I want to report inappropriate messages.	High	Report button with automated flagging to admin.	PB-010	3

5. Reviews & Ratings

Epic: Post-Session Feedback

ID	User Story	Priority	Acceptance Criteria	Dependencies	Effort (SP)
PB-012	As a user, I want to leave a review after a completed session.	Medium	Star rating, comment field, once per session.	PB-009	5
PB-013	As a user, I want to view reviews before matching with someone.	Medium	List of past reviews shown on user profile.	PB-012	3

6. Admin Management

Epic: Moderation and Skill Verification

ID	User Story	Priority	Acceptance Criteria	Dependencies	Effort (SP)
PB-014	As an admin, I want to review flagged messages and take actions.	High	Admin panel with report list and action buttons.	PB-011	5
PB-015	As an admin, I want to verify skill profiles before publishing.	Medium	Verification badge shown only after admin approval.	PB-004	4

7. Notifications & Alerts

Epic: Event-Based Alerts

ID	User Story	Priority	Acceptance Criteria	Dependencies	Effort (SP)
PB-016	As a user, I want to receive notifications for match, schedule, and chat updates.	Medium	In-app and optional email notifications.	PB-007	3
PB-017	As an admin, I want alerts when users are flagged or reported.	Medium	Notification dashboard updates in real-time.	PB-014	3

8. Cross-Platform Experience

Epic: Responsive & Accessible UI

ID	User Story	Priority	Acceptance Criteria	Dependencies	Effort (SP)
PB-018	As a user, I want a responsive interface that works on mobile and desktop.	High	Consistent layout across screen sizes.	PB-001 PB-017	8