

| Sprint 1 – Product Backlog with User Stories & Acceptance Criteria | | | | | |
|--|---|--------------|----------|-------------------|---|
| ID | User Story | Story Points | Priority | Feature Component | Acceptance Criteria |
| US_01 | As a user, I want to register for an account so I can access the web app. | 5 | High | User Account | <ul style="list-style-type: none"> • Form must include: Name, Email, Password, DOB • Password stored securely (encrypted) • Successful registration redirects to dashboard with confirmation |

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| US_02 | As a user, I want to complete an onboarding quiz to get personalized supplement and workout recommendations. | 6 | High | AI Personalization | <ul style="list-style-type: none"> • Quiz captures: fitness goals, weight, height, age, sex, experience level. <p>Data is saved securely to the database.</p> <p>System provides:</p> <ul style="list-style-type: none"> • A personalized workout routine (exercises, sets, reps, equipment). • A supplement recommendation list (name, dosage, purpose, timing). <p>User sees the full plan in a confirmation UI.</p> |
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| US_03 | As a user, I want to log in securely to access my account. | 5 | High | User Account | <ul style="list-style-type: none"> • Login only succeeds with valid credentials • Invalid credentials show an error message • Secure session token created on login |
| US_04 | As a user, I want to reset my password if I forget it. | 4 | Medium | Forgot Password Page | <ul style="list-style-type: none"> • “Forgot password” link on login page • Email sent with reset link • Users can choose a new password and log in |
| US_05 | As a user, I want to view the About Us page to learn about Gymnastics. | 3 | Low | Static Content | <ul style="list-style-type: none"> • Page contains mission statement, team bios, images • Accessible via navbar |
| US_06 | As a user, I want to view supplement products available for purchase. | 5 | High | Products Page | <ul style="list-style-type: none"> • Product listing shows image, name, price • “Add to Cart” button present |

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| US_07 | As a user, I want to add and manage items in my cart. | 5 | High | Cart Page | <ul style="list-style-type: none"> • Items added/remove d update cart • Subtotal displayed • Checkout button present |
| US_08 | As a user, I want to complete my purchase using Stripe payments. | 8 | High | Stripe Integration | <ul style="list-style-type: none"> • Stripe form integrated and functional • Payment success/error displayed • Email receipt sent on success |
| US_09 | As a user, I want to view the home page to learn about the web app. | 3 | Medium | Home Page | <ul style="list-style-type: none"> • Welcoming content and banner • Navbar links to login/register/products/about us |
| US_10 | As a team, we want to publish our sprint planning video to YouTube. | 2 | Medium | Planning Documentatio n | <ul style="list-style-type: none"> • Uploaded video link in wiki • Title/descripti on include GitHub link and sprint goals |