GYM RATS

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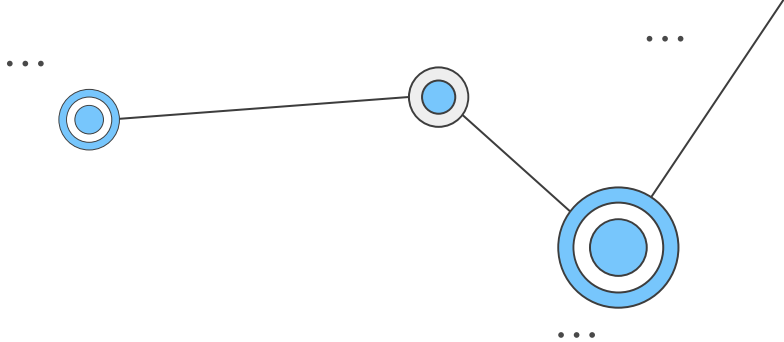
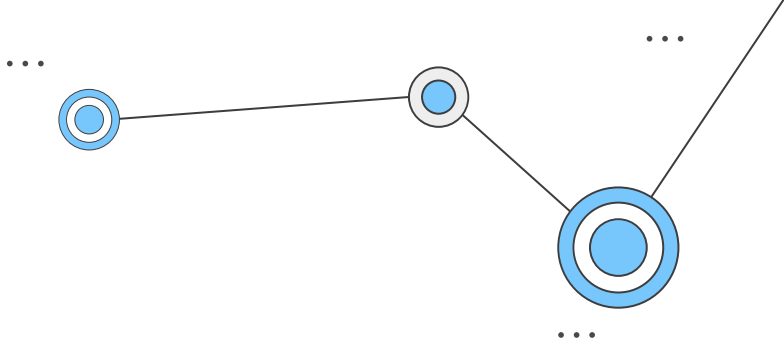
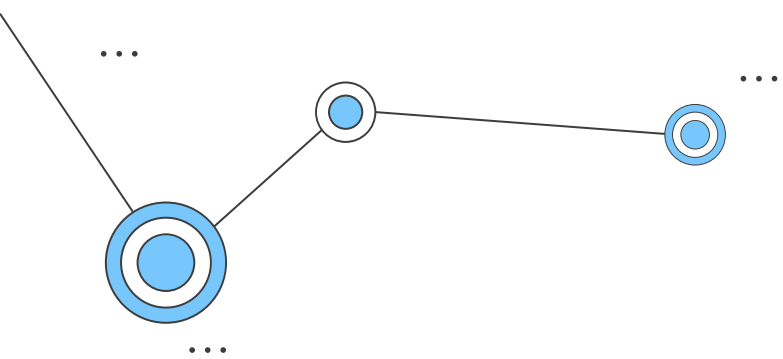


Imagine



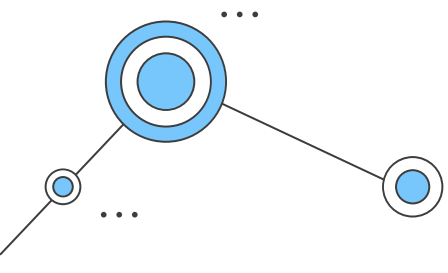
Our Solution

GYM RATS

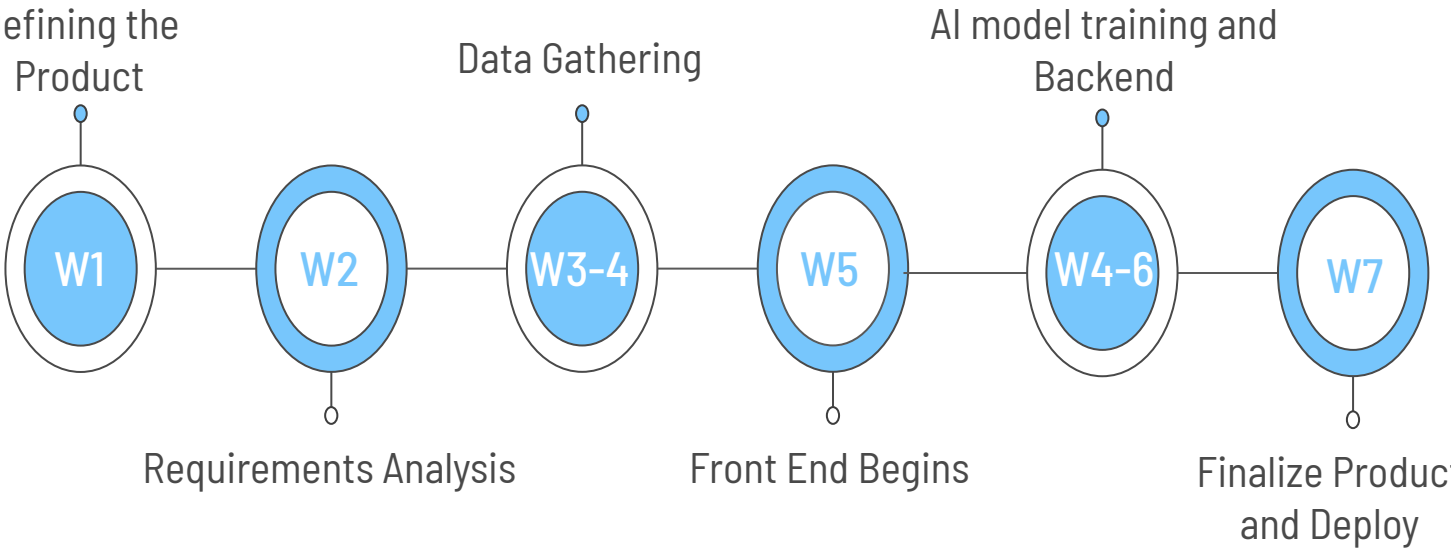


Cost Estimation

	Unit Cost	Number of Units	Cost × Units
Personnel			
Developer	$12,500/month	4	50,000 × 2 months
Researcher	$5,000/month	2	10,000 × 2 months
Required Hardware			
Server for hosting	$1953/year	1	$1953
Mac Devices	$599	4	$2,396
Required Software			
Apple Developer Program subscription	$99/year	4	$396
		Total	**$124,745**



Project Timeline



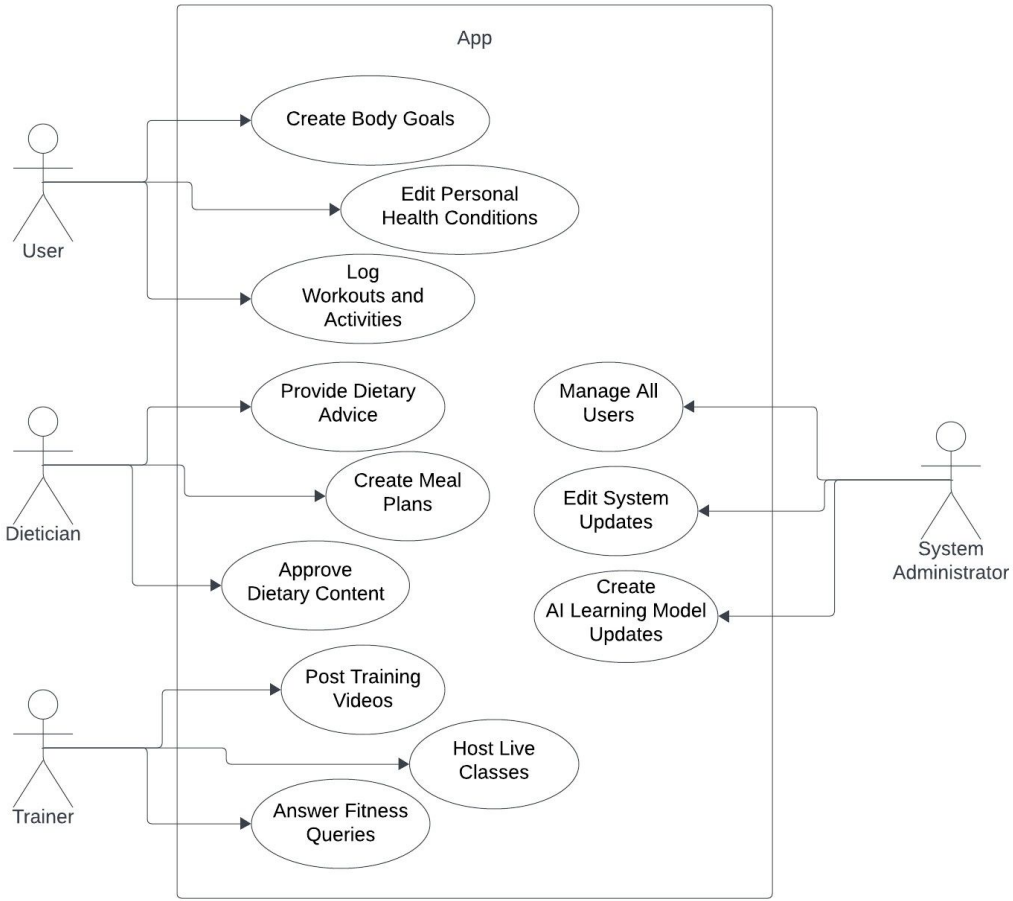
Functional Requirements

- User Registration and Profile Management
- Personalized Assessment
- Workout Customization
- Progress Tracking
- AI Workout Recommendations
- Exercise Library
- Nutritional Guidance

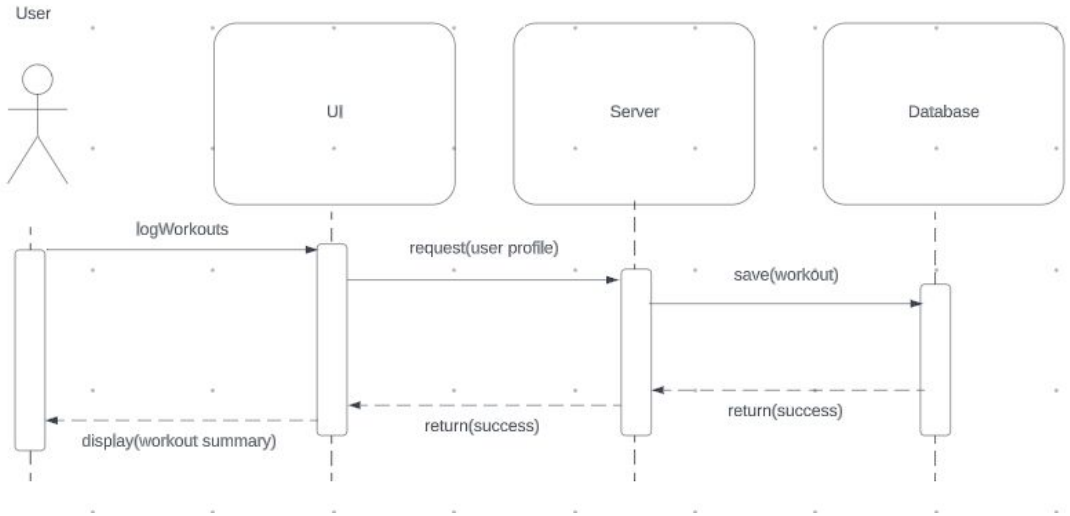
Non-functional Requirements

- Efficiency Requirements
- Performance Requirement
- Space Requirement
- Dependability Requirement
- Security Requirement
- Operational Requirement
- Development Requirement
- Ethical Requirement

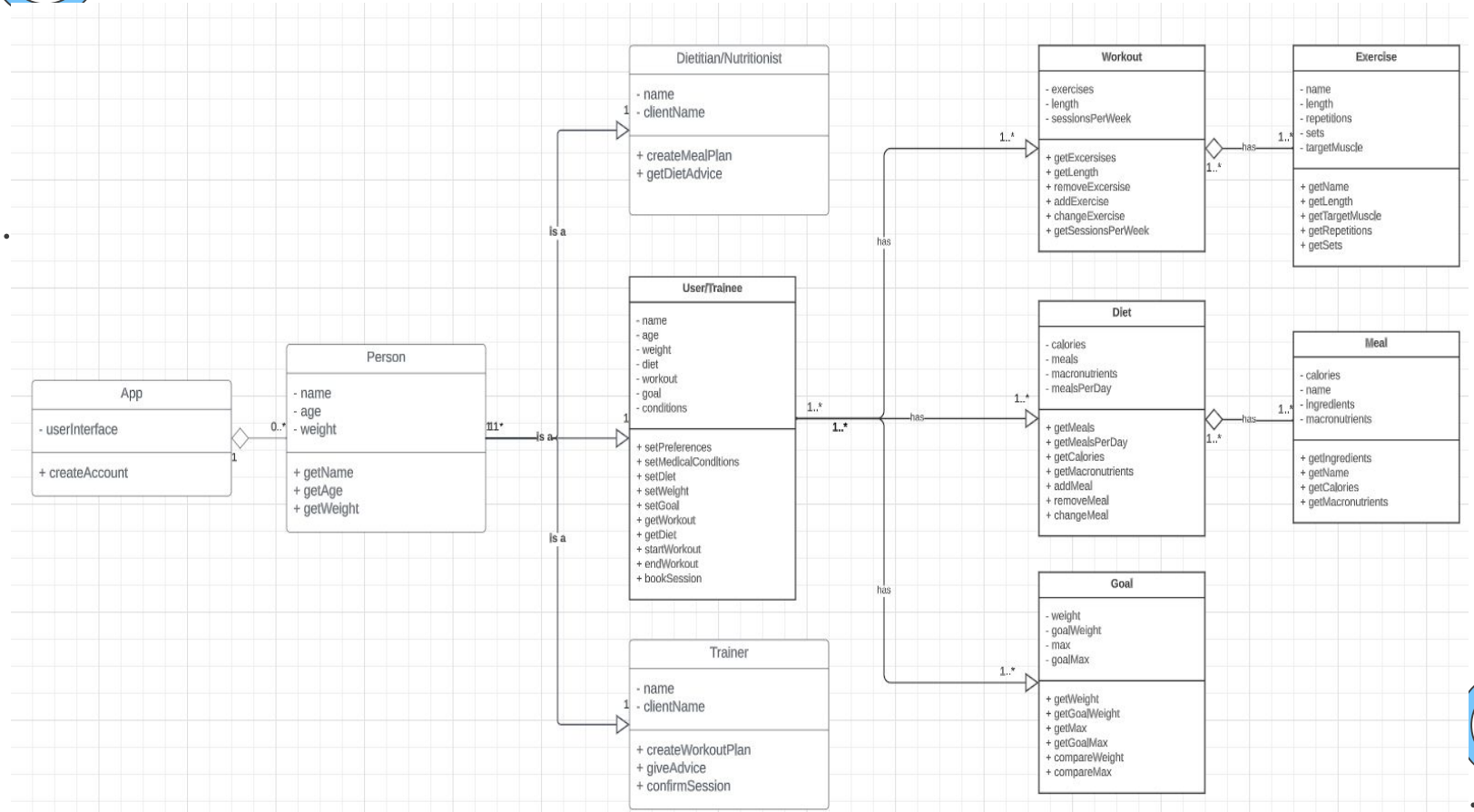
Use Case Diagram



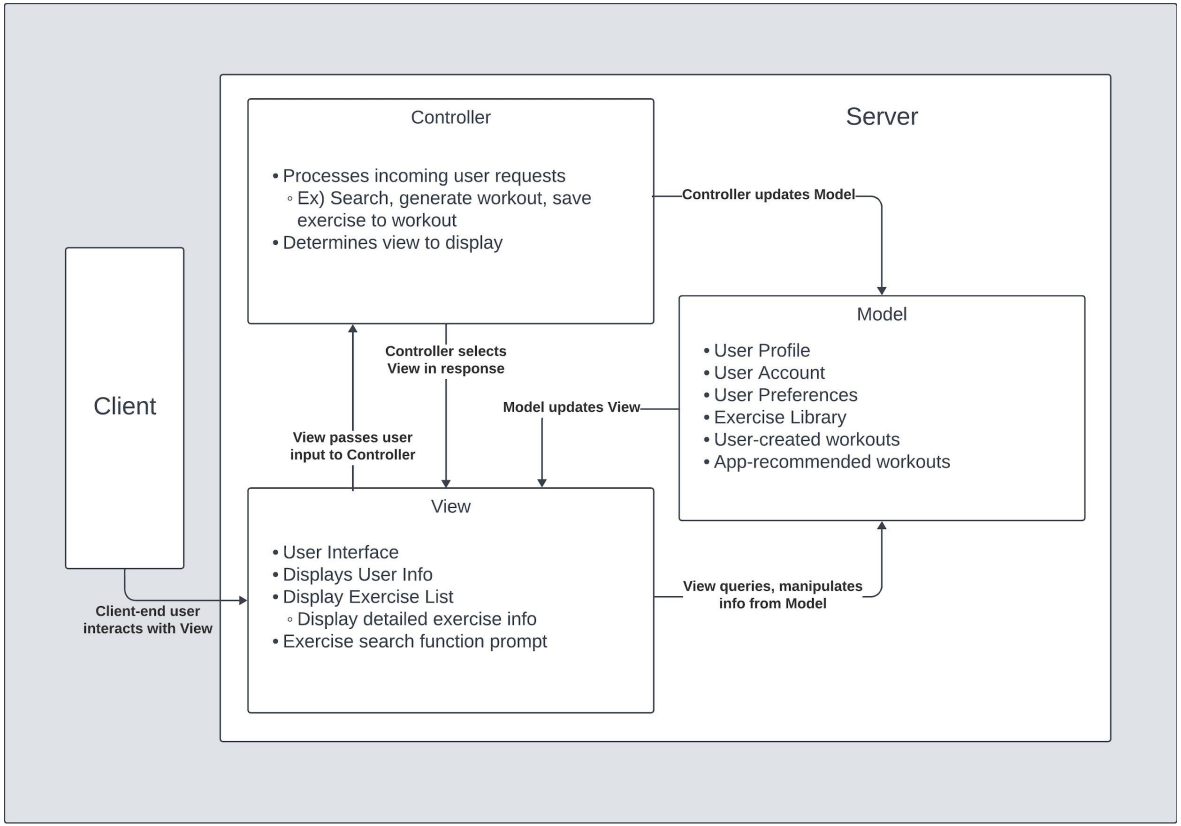
Sequence Diagram for Log Workouts and Activities



Class Diagram

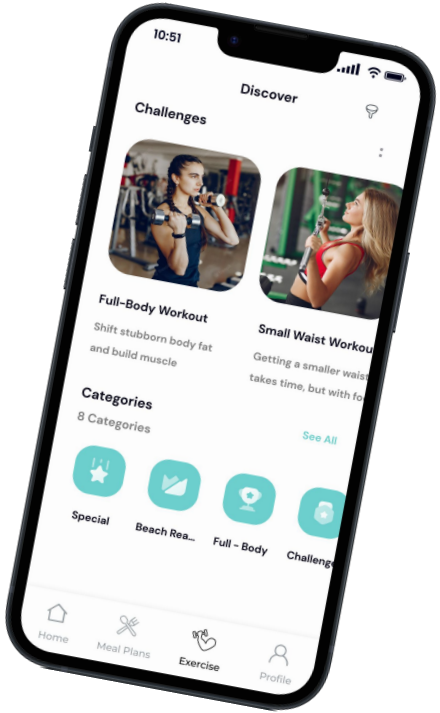


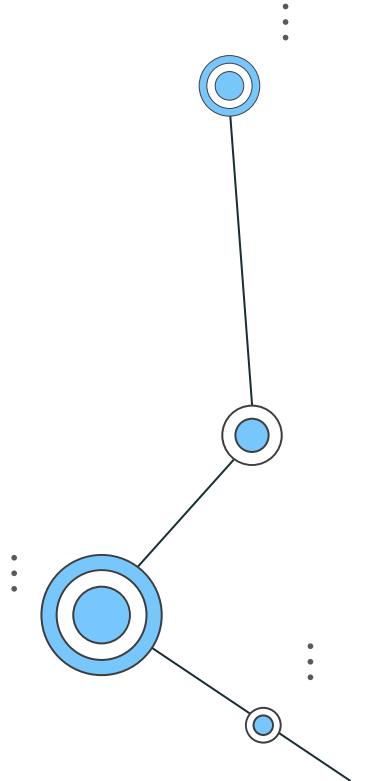
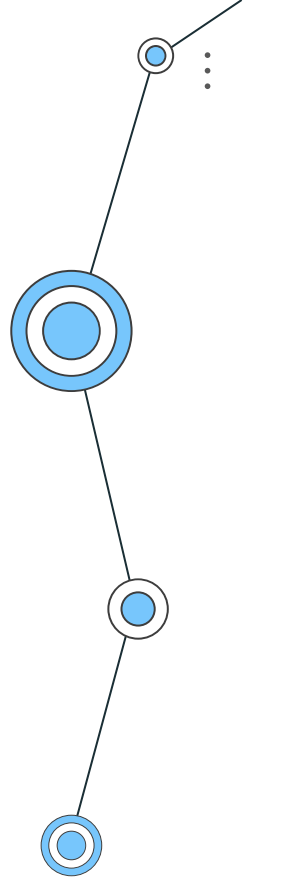
Architectural Design



GYM RAT Mockup

https://www.figma.com/file/VmD2rN77H9eygFAQsL5z8O/Fitness-App?type=design&node-id=1%3A3&mode=design&t=gawnkg2pgxQk5uKH-1





Thanks!