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1 Fitness Tracker Release Schedule

1.1 Release Calendar

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Ver- sion	Release Type	Target Date	Sta- tus	Key Themes	1.2.c Release Milestones			
				men- dations	Milestone	Date	Description	Status
1.2 Current Release Details (v1.2.0) Target Date: June 15, 2023 Development Timeline: April 15 - June 15, 2023					Feature Freeze	May 28, 2023	All features must be completed	Upcoming
					Code Freeze	June 4, 2023	Only bug fixes allowed	Upcoming
					Release Candidate	June 8, 2023	Final testing version	Upcoming
1.2.a Sprint Schedule					Produc- tion Re- lease	June 15, 2023	App store submission	Upcoming
Sprint	Dates		Focus Area					
Sprint 1	Apr 17 - Apr 30		Social sharing architecture, API development					
Sprint 2	May 1 - May 14		UI implementa- tion, analytics dashboard					
Sprint 3	May 15 - May 28		Feature comple- tion, initial tes- ting					
Sprint 4	May 29 - Jun 11		Stabilization, re- gression testing					
1.2.b Key Features					1.3 Upcoming Major Release (v2.0.0)			
1. Workout Sharing (FEAT-123)					Target Date: November 15, 2023			
• Share workouts via social media					Development Timeline: August 15 - November 15, 2023			
• Export workout data as PDF								
• Send workout invitations to friends								
2. Analytics Dashboard Improvements (FEAT-124)					1.3.a Planned Features			
• Weekly progress charts					1. Wearable Integration			
• Improved data visualization					• Real-time workout tracking on watches			
• Workout comparison tool					• Heart rate monitoring			
3. Performance Optimizations (FEAT-125)					• Exercise form detection			
• Reduced app startup time					2. Advanced Progress Analytics			
• Enhanced offline mode					• Body composition tracking			
• Improved battery usage					• Machine learning performance predic- tions			
					• Personalized recommendations			
					3. Expanded Exercise Library			
					• 200+ new exercises with video demons- trations			
					• Adaptive difficulty progression			
					• Alternative exercise suggestions			

1.3.b Key Milestones

Milestone	Target Date		Description
Requirements Finalization	July 30, 2023		Complete feature specifications
Design Complete	August 30, 2023		UI/UX designs approved
Alpha Build	October 1, 2023		Internal testing begins
Beta Program	October 15, 2023		External beta testing
Release	November 15, 2023		App store submission

1.4 Release Train Process

We follow a release train model with these characteristics:

1. **Fixed Release Dates:** Releases go out on the 15th of scheduled months
2. **Feature-based Planning:** Features ready by code freeze are included
3. **No Delays:** Release dates don't change; features slip to next release
4. **Beta Program:** Each release includes a 1-week beta period

1.5 Code Freeze Policies

During code freeze periods (typically 1-2 weeks before release):

1. Only bug fixes allowed, no new features
2. All PRs require two approvers
3. Automated test suite must pass with 95%+ coverage
4. Performance testing must show no regressions
5. Release manager approval required for all changes

1.6 Release Approval Process

Before each release, the following approvals are required:

1. **QA Sign-off:** Verification of all test cases
2. **Product Owner Sign-off:** Confirmation of feature completion
3. **Security Review:** Approval from security team
4. **Performance Benchmark:** Meeting or exceeding performance criteria
5. **Executive Approval:** Final go/no-go decision

1.7 Hotfix Policy

For critical issues discovered in production:

1. Issue is assessed for severity and impact
2. If critical, hotfix release is scheduled within 3 business days
3. Fix is developed in hotfix branch from main
4. Abbreviated testing focuses on the fix and regression testing
5. Emergency approval process is followed for deployment

1.8 Updates to This Schedule

This schedule is reviewed and updated monthly. Significant changes are communicated to all stakeholders via email and during sprint reviews.

Last Updated: May 2, 2023

Next Review: June 1, 2023