

Software Project Management Plan
Heavid
1.1
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MCS Department, Biola University

Revisions

Target Audience: Those interested in finding and creating workouts tailored to each muscle group, especially those with hindered gym access during the pandemic

Project Team Members: Luke Ebbinghaus, Misheel Bayarsaikhan, Keziah Bulseco, Vanessa Garcia

Version Control History:

Version	Primary Author(s)	Description of Version	Date Completed
0.1	Luke Ebbinghaus, Misheel Bayarsaikhan, Keziah Bulseco, Vanessa Garcia	Initial team planning	2/2/21
0.2	Luke Ebbinghaus, Misheel Bayarsaikhan, Keziah Bulseco, Vanessa Garcia	Added images for Software Process model and Project Management Plan	2/4/21
1.0	Luke Ebbinghaus	Final Revisions	2/5/21
1.1	Luke Ebbinghaus	Updated Project Overview to reflect Final Product. Updated Project Title.	4/21/21

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1 INTRODUCTION

1.1 Project Overview

A health app with built-in workout management features. The primary function will be to create an interface where the user can find workouts relevant to specific body parts through an intuitive diagram. Additionally, the user will be able to create their own workout plans with an input of difficulty and targeted muscle groups. The user can then modify this plan as desired using the same diagram interface.

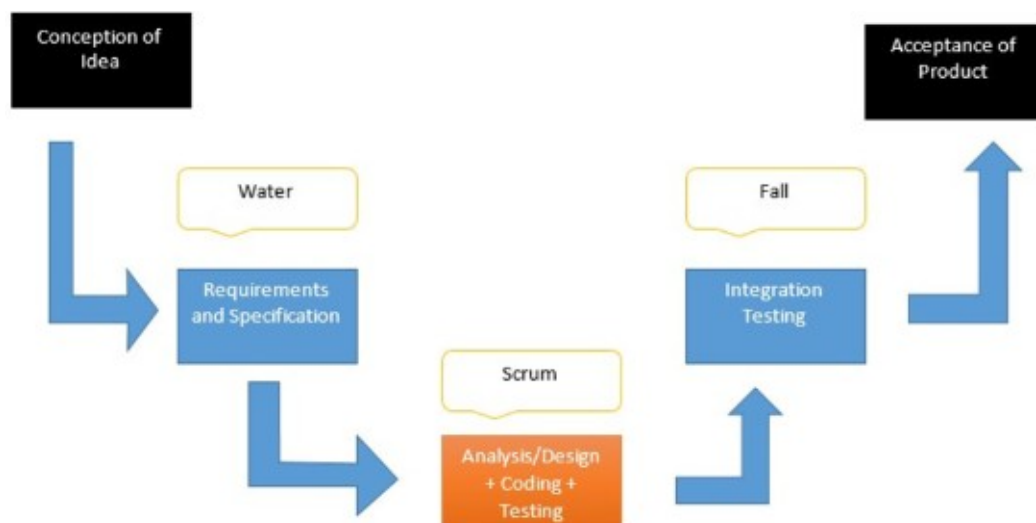
1.2 Project Deliverables

- Software Project Management Plan (SPMP)
- Software Requirements Specifications (SRS)
- Software Design Description (SDD)
- Scrum Product Backlog
- Sprint #1 Backlog, Burndown Charts
- Sprint #2 Backlog, Burndown Charts
- Sprint #3 Backlog, Burndown Charts
- Software Unit and System Test Documentation (SUSTD)
- PPT, Product Software Library

2 PROJECT ORGANIZATION

2.1 Software Process Model

Hybrid Waterfall/Agile, as shown:



2.2 Roles and Responsibilities

Scrum Product Owner: Vanessa Garcia

Scrum Master/Project Manager: Misheel Bayarsaikhan

Configuration Manager: Luke Ebbinghaus

Designers and Developers:

- UI: Keziah Bulseco
- Application: Misheel Bayarsaikhan
- Database: Luke Ebbinghaus, Vanessa Garcia

Testers: Keziah Bulseco

2.3 Tools and Techniques

Application Development: C++, Qt Creator

UI Development: Qt

Database: MySQL

Version Control: Git/Github

3 PROJECT MANAGEMENT PLAN

