

Indoor Football Strategy Simulation

ProCP

Group A

PROJECT PLAN



Creation date: September 2018

Last revised: September 16, 2018

Version: 2.1

Revisions

Version	Status	Date	Change
1.0	Draft	06-09-2018	Project Plan set-up
1.1	Draft	09-09-2018	Improvements based on feedback
2.0	Draft	14-09-2018	All necessary sections added
2.1	Draft	16-09-2018	Improvements on content and changes to layout

Approval

This document requires following approvals:

Version	Date	Name
1.0	07-09-2018	Project Team
1.1	10-09-2018	Project Team
2.0	15-09-2018	Project Team
2.1	17-09-2018	Project Team

Distribution

Version	Date	Name
1.0	06-09-2018	Project Team
1.1	9-09-2018	Project Team
2.0	14-09-2018	Project Team
2.1	16-09-2018	Project Team

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Formal Client

Company: SIM Software Inc.
Contact person: Mr. Johnson - Board of management of SIM Software Inc.
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Phone: +316478903
Email: Johnson.sim@gmail.com

Project Team

Name	Role	Email
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Current Situation

SIM Software Inc. is a fast growing company aiming at innovative solutions for simulation problems. In the last few years, SIM software has focused on traffic simulation software.

Problem Description

SIM Software Inc. would like to extend its expertise to cover a broader area of simulation software. The project team is in charge of developing an indoor football strategy simulation for SIM. This project will facilitate productivity via supporting football strategy management. The project will be completed by February, 2019.

Project Goal

The project team will develop an indoor football strategy simulation, using C# as programming language, with the purpose of assisting indoor football coaches in finding the best strategy against a specific strategy.

Risk Assessment

Description	Probability of Occurrence	Impact on Project	Solutions
Technology changes	Low	High	<p>At the initial phase of the project, make an agreement with the client about the technology that is going to be used until the end of the project.</p> <p>The client can't change its mind about the technology used when the project starts.</p>
Low quality of end product	Low	High	<p>The project leader has to guide the project team during the project. The whole project team has to contribute, complete the tasks every week according to the planned schedule.</p>
Client comes with different requirements	Medium	High	<p>In advance, inform the client that changing requirements later on might not be possible depending on the projects progress.</p>
Inadequate project members	Medium	Medium	<p>Make sure that the tasks are divided equally among the team members. Make a back-up plan for the human resources of the project, so that others can cover the work in case someone leaves.</p>

Risk Assessment (continued)

Description	Probability of Occurrence	Impact on Project	Solutions
Low team motivation	Low	High	Stick to the goal and recognize members who do great work in the team, so they can possibly be rewarded for their good work. This will improve the team's motivation to work hard and get recognized.
Miscommunication within the project team	High	High	Set up a clear communication plan within the team. There will be a weekly meeting to make sure everyone is on the same page.

Constraints

Constraint	Description
Time	The project should be finished by ... February 2019
Technology	Programming language: C# Tool: Microsoft Visual Studio
Communication	Language used for communication and documentation: English

Deliverables

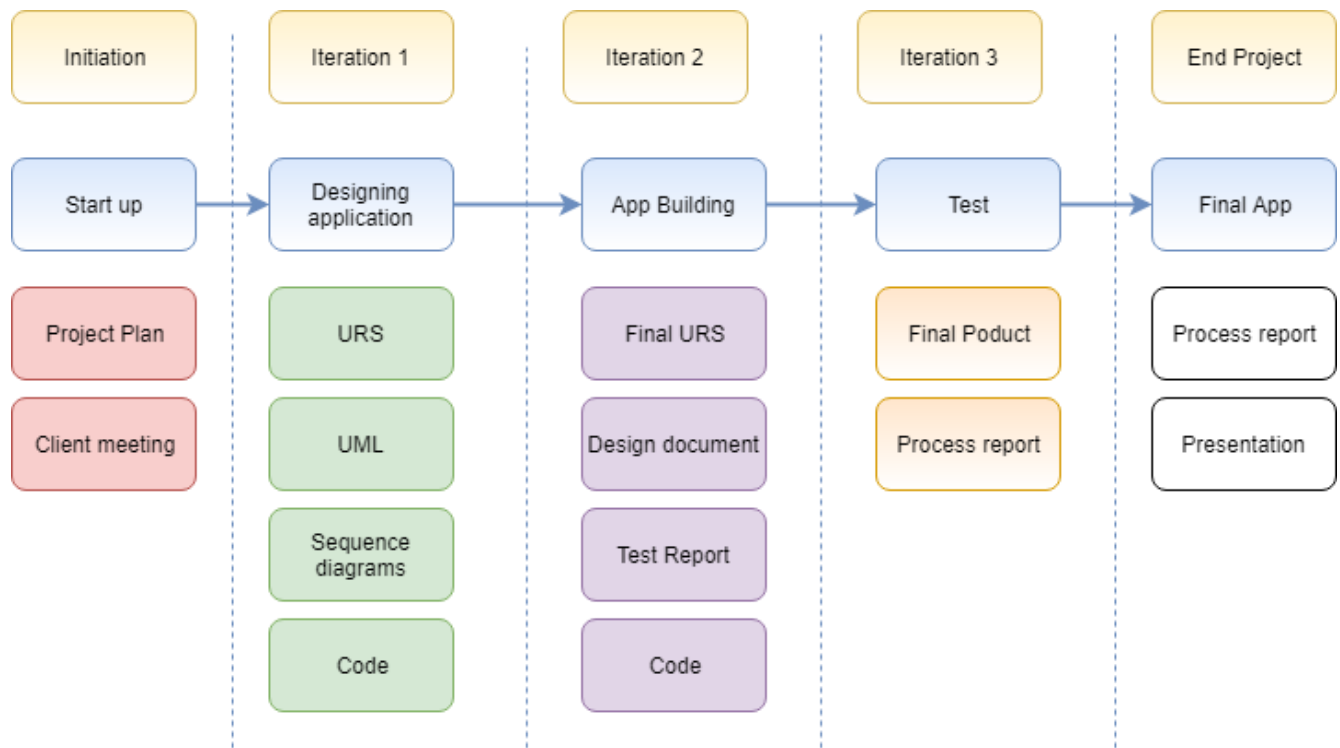
Deliverable	Description	Includes
User Requirements Specification	Description of the application to be developed.	<ul style="list-style-type: none">• Use cases• Functional requirements• Non-functional requirements• GUI designs
Test cases	Set of conditions under which a tester will determine whether the software is working as expected.	
Design Document	Written description of software.	<ul style="list-style-type: none">• Class diagram• Sequence diagram
Final Application	The final product that was built based on the client's requirements	
Process report	Description of the progress carried out during the development of the product.	<ul style="list-style-type: none">• Decisions• Challenges• Solutions• Reflections
Presentation	Presentation of the final product.	<ul style="list-style-type: none">• App demo
Project Plan	Formal document designed to guide the execution of the project	

Non-Deliverables

- No other features than described in the URS will be developed.
- Except the documentation described in the deliverables, no extra documents will be provided.

Stakeholder Overview

Role	Responsibilities	Participants
Project Sponsor	<ul style="list-style-type: none">• Provide project oversight and guidance.• Review/approve some project elements.	SIM Software Inc.
Project Manager	<ul style="list-style-type: none">• Manages the project according to the project plan.• Provide overall project direction.• Direct/lead team members towards project objectives.• Handle problem resolution.	Alex Lievense
Project Participants	<ul style="list-style-type: none">• Understand the user needs.• Review and approve project deliverables.• Coordinates participation of work groups, individuals and stakeholders.• Creates or helps create working products.• Provide knowledge and recommendations.• Helps identify and remove project barriers.• Assure quality of products that will meet project goals and objectives.• Identify risks and issues and help in resolutions.	All members of the project team



Milestones

Deliverable for Phase I (from week 1 to week 4)

- Project proposal
- Draft version of project plan
- Work division report
- Draft version of URS

Deliverable for Phase II (from week 5 to week 11)

- Final URS for iteration 1
- UML class diagram
- Sequence diagram
- Updated work division report

Deliverable for Phase III (from week 12 to week 14)

- Final URS for iteration 2
- Final design document for iteration 2
- Test Report for iteration 2
- Prototype
- Updated version of work division report

Deliverable for Phase IV (from week 15 to week 17)

- Final URS for iteration 3
- Final design document for iteration 3
- Test Report for iteration 3
- Source code of prototype
- Final product
- Process Report (including work division)

Deliverable for Phase V (from week 18 to week 19)

- Final presentation
- Final application

APPROVAL

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Sign-off Sheet

I have read the Project Plan and will abide by its terms and conditions and pledge full commitment and support for the Project Plan.

Project Sponsor

Project Manager

Date:

Date: