Project Plan

Park & Recreation Web App

Industry Partner	GBC
Primary Instructor	Anjana Shah
Team Member	Yaroslav Yatsyk
Team Member	Vraj Patel
Team Member	Gowthaman Kangatharan
Team Member	Dennis Varghese
Team Member	Yagnik Patel

Document Revision History

Revision #	Date
2	Feb-5-2023

Table of Contents

1. Executive Summary

The following describes the project to be executed.

Objective	Improve information availability in a well-structured way Providing data security in high-quality standards Easy and pleasant to use
Corporate Goals Addressed	Increase reliability Increase customer satisfaction Eliminate security concerns
Planned Start Date	September 15,2022
Planned End Date	March 21, 2022,

2. Project Approvers, Reviews and Distribution List

Approvers, reviewers and distribution list

Project Role	Name	E-mail	Date
Project Researcher	K.Gowthaman	Gowthaman.Kangatharan@georgebrown.ca	Feb-5-2023
Project Manager	Vraj Patel	Vraj.patel@georgebrown.ca	Feb-5-2023

Team Leader	Yaroslav Yatsyk	Yaroslav.Yatsyk@georgebrown.ca	Feb-5-2023
Scrum Master	Yagnik Patel	Yagnik.Patel@georgebrown.ca	Feb-5-2023
Time Manager	Dennis Varghese	Dennis.Varghese@georgebrown.ca	Feb-5-2023

3. Scope

Define the total of all of its products and their requirements or features.

In Scope	Out of Scope,
50 Web Servers	Cleverbot
1 Database	
Internet Forum for discussion about the park	IRC (Internet Relay Chat) for instant messaging
Map of the park and its landmarks	GPS (Global Positioning System) integration with a map for navigating the park
Booking/Reservation of campgrounds or lodges	Gift shop with park themed souvenirs
User accounts	Shopping rewards/Loyalty program

4. Deliverables

This project will deliver the following.

Deliverable	Description
Discussion forum	The web page that will allow users to discuss questions regarding a particular park
Locations of parks	Will show the location of a specific park
Booking System	User will be able to book any extra facilities in a particular park by request
User Accounts	User will be able to create a new account, update personal information or view the account

5. Assumptions

This project makes the following assumptions;

1. Bandwidth to host the website and all its features
2. Time to work on project
3. Amount of visitors on the website.reliable information sources

6. Dependencies

The following are the internal and external dependencies that must be acknowledged and addressed;

1. Time, and supply of resources like laptops, web servers, documentation and software
2. Library rooms for group meetings
3. vs code IDE
4. Node.js
5. React framework
6. Microsoft Word for documentation
7. MongoDB
8. Git / Github

7. Risk Management

Potential Risk	Severity (H/M/L)	Likelihood (H/M/L)	Management Strategy
Time constraints due to work in other classes	H	H	Negotiate the time and split the task between all team members
Budget management (hosting website and database)	H	H	Usage free web hostings

Unforeseen complexity of features (lacking skills to implement)	H	H	- Review knowledge of javascript and react. - Practice with small projects with limited scopes
Reliable information sources	M	M	Usage of all available resources to choose the appropriate one to solve the problem
Covid resurgence and lockdowns (Making it difficult to meet and communicate effectively)	L	M	Utilizing telecommunication apps

8. Communication

Reporting

The following reports will be produced;

Report	Audience	Frequency
Project Plan	Primary Instructor	Biweekly

Meetings

The following meetings/communication will be established;

Meeting	Purpose	Attendees	Frequency
Project Proposal Meeting	the foundation and purpose for the project	All Team Members	Weekly

9. Task Listing (WBS- Work Breakdown Structure)

The following resource proposal template summarizes the resource hours committed to this project, upon final approval of this document.

Reference	Tasks	Duration	Dependency
A	Wireframes	2 months	draw.io/figma
B	Chat Box	3 months	vscode
C	Documentation	3 months	Microsoft word
D	Database	5 months	MongoDB
E	Testing	5 months	selenium
F	Booking Feature	3 months	vscode
G	User Profile	3 months	vscode
H	Security	5 months	Defendify Cybersecurity Platform

10. Gantt Chart

Create a <u>detailed Gantt Chart</u> from your Task Listing(Use any software tool and paste the image or upload as a separate file that can be opened as pdf/doc/xls)

Below is an example:

Task	Period						Completed
	Nov	Dec	Jan	Feb	Mar	Apr	
A Wireframes	X						1 month
B Web Chat			X				2 weeks
C Interactive Map			X				2 weeks
D Database				X			3 weeks
E Booking					X		3 weeks
F User Accounts						X	3 weeks

11. Milestones

Major Activity or Milestone	Estimated Milestone Target date	Owner/Reviewer Team Members
Web application foundation developed	Year 2023	All Team Members
Database establish	Year 2023	All Team Members
Front End Templates (wireframes)	Year 2022/2023	All Team Members
Back End Templates	Year 2023	All Team Members

12. RAM – Responsibility Assignment Matrix

Create a RAM from your Task Listing. A sample is shown below:

Project Name: Park & Recreation Web App
Project Manager: Yaroslav Yatsyk

Task:	Gowthaman	Yagnik	Vraj	Dennis	Yaroslav
Web App Testing	P	P	P	P	P
Researching	S		S		P
Wireframes	P	S			S
Booking Feature	S	S	S	P	S
Adding APIs	S	P			S
Chat Box	S		S		S
User Profile		P	P		S
Documentation	P				P
Database	S	S	S	S	P
Map	S		S	S	

P - Primary / S: Secondary

Project Team Responsibilities

Project Name:	New Package Installation
Project Manager:	Al Q. Hall

Task	John	Frank	Linda	Jean	Larry
Assess Requirements	P	S	S		
Design Business System			S	P	
Modify Purchased Package	S	P			
Modify In-House Procedures			P	S	
Testing	S				P
Implement New Package		P		S	
Train Staff		S		S	P

P = Primary S = Secondary

13. Approval

The signatures below indicate their approval of the contents of this document.

Project Role	Name	Signature	Date
Project Researcher	K.Gowthaman	*K.Gowthaman*	Feb-5-2023
Project Manager	Vraj Patel	*Vraj Patel*	Feb-5-2023
Team Leader	Yaroslav Yatsyk	*Yaroslav Yatsyk*	Feb-5-2023
Scrum Master	Yagnik Patel	*yagnik patel*	Feb-5-2023
Time Manager	Dennis Varghese	*Dennis Varghese*	Feb-5-2023