

**Capstone Project Report**

**Report 1 – Project Introduction**

–HoChiMinh, March 2024 –

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# I. Record of Changes

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| --- | --- | --- | --- |
| Date | A\* M, D | In charge | Change Description |
| 6/3/2024 | A | PhuPX1 | First Version |
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\*A - Added M - Modified D - Deleted

# II. Project Introduction

## 1. Overview

### 1.1 Project Information

* Project name: << PartyPalKiddos>>
* Project code: <<BPCFK>>
* Group name: <<SN Team>>
* Software type: <<Software Type: Web>>

### 1.2 Project Team

|  |  |  |  |
| --- | --- | --- | --- |
| **Full Name** | **Role** | **Email** | **Mobile** |
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## 2. Product Background

* PartyPalKiddos is an innovative digital platform designed to revolutionize the way birthday parties for children are planned and organized. This application offers a seamless, user-friendly interface allowing parents and guardians to fully customize and book all aspects of a birthday celebration, from venues and catering to entertainment and decorations, food and drinks, all in one place.
* By moving away from the traditional, often cumbersome method of planning that involves extensive research, phone calls, and physical visits, PartyPalKiddos introduces a more efficient, flexible, and enjoyable way to plan children's birthday parties. It empowers users to personalize celebrations according to their preferences, interests, and budget, ensuring every party is unique and memorable.
* With PartyPalKiddos, customers gain access to a broad selection of pre-designed party packages from trusted hosts and vendors, along with the freedom to mix and match or even start from scratch to craft their ideal party. This approach addresses common challenges such as coordinating with multiple vendors, limited choices in traditional booking systems, and the lack of secure and convenient payment options. PartyPalKiddos not only simplifies the planning process but also enriches the birthday party experience by offering endless possibilities for customization and personalization.

## 3. Existing Systems

*[Add the system which might help solving the problems you listed above or the systems in which you can learn/refer the features for your system design]*

N/A

### 3.1 System name1

PartyPalKiddos is a digital platform that revolutionizes kids’ birthday party planning. It’s designed to be a one-stop-shop for customizing and booking party elements like venues, catering, and entertainment. The system actors include customers looking for a personalized party experience, managers providing party packages, and admins overseeing the platform. Its features enable users to select and tailor pre-designed party packages or create their celebration from scratch.   
- Pros: The advantages of PartyPalKiddos include convenience, a diverse array of options, and secure online payments.   
- Cons: Some potential drawbacks could be reliance on internet access and the need for digital literacy among users.

### 3.2 System name2

N/A

## 4. Business Opportunity

PartyPalKiddos addresses a significant market opportunity by fulfilling the need for streamlined and customizable children’s party planning. In the current market, parents and guardians face the challenge of coordinating various vendors, which is time-consuming and limited in personalization. By offering a comprehensive online solution, PartyPalKiddos allows for easy customization of parties that align with personal preferences and themes. It stands out in the competitive landscape by providing a user-friendly platform that offers flexibility and a diverse selection of options not traditionally available. As the trend moves towards digital solutions for event planning, PartyPalKiddos fits seamlessly into this evolving market, solving unique problems like coordinating complex event details and supporting the strategic direction of simplifying event management with technology.

## 5. Software Product Vision

For families seeking a tailored and hassle-free birthday celebration for their children, PartyPalKiddos is a comprehensive, web-based application that transforms party planning from a chore into a delight. Envision a world where the perfect children's party is just a few clicks away, where customization meets convenience, and memorable celebrations are crafted with ease and joy. PartyPalKiddos blends innovative technology with a keen understanding of festive needs to offer a service that's as enjoyable as the parties it helps create all while respecting the practicalities of cost and resource management. Unlike traditional, fragmented planning methods, our platform is a harmonious ecosystem of choices and simplicity.

## 6. Project Scope & Limitations

The scope of PartyPalKiddos encompasses a user-friendly online platform for customizing and booking children's birthday parties, including venue selection, catering, entertainment, decorations, and themed packages. It will feature options for pre-designed packages and the ability to build a party from the ground up. The platform will not cater to events other than children’s birthdays nor include adult party planning or other types of celebrations to maintain focus and quality of service. Any requirements that extend beyond this niche, such as weddings or corporate event planning, will be outside the current scope unless deemed significantly beneficial and feasible within the constraints of additional resources and time.

### 6.1 Major Features

FE-01: Book customizable children's birthday parties, including venues, catering, and entertainment.

FE-02: Personalize events with a selection of themes, decorations, and activities.

FE-03: View and choose from a variety of pre-designed party packages offered by verified hosts.

FE-04: Access a real-time booking system for scheduling and managing party details.

FE-05: Secure online payment gateway for all party booking transactions.

**A diagram with text and symbols

Description automatically generated**

### 6.2 Limitations & Exclusions

LI-01: Parties are specifically tailored for children; adult or corporate event planning is not supported.

LI-02: Currently limited to predefined vendor partnerships and may not include all local service providers.

LI-03: The system does not include transportation or accommodation booking for party guests.