**PROJECT PLAN SCOPE – Littile Dreamers (LD)**

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| **PROJECT NO.** | **DATE SUBMITTED** |
| 1 | 10/3/2023 |
| **PROJECT OBJECTIVES** | |
| *The primary objective of the Little Dreamers project is to develop a web application for marketing and selling toys, focusing on personalized toy recommendations for children based on their age, brain, and personality developmental needs. The project aims to align with the following objectives:*   1. *Increase online toy sales by providing a personalized shopping experience.* 2. *Streamline inventory management to optimize stock levels.* 3. *Enhance customer engagement through reviews and notifications.* 4. *Ensure adherence to user and product-related policies.* 5. *Improve user experience with features like account registration, shopping cart, and payment processing.*   *Measurable Success Criteria:*   * *Successfully deliver the web application within the specified timeframe which is estimated 2/1/2023* | |

## Step 1. Project Deliverables

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| **DELIVERABLE NO.** | **DESCRIPTION** |
| 1 | Fully functional web application with user registration and authentication. |
| 2 | Products main page |
| 3 | Advanced search functionality for toys based on age, price, category, toy company name, developmental benefits. |
| 4 | Detailed product pages with information about each toy. |
| 5 | Shopping cart for users to add and manage items. |
| 6 | Payment processing system. |
| 7 | Inventory management system integrated with the web app. |
| 8 | Email and Notification system for the store owner highlighting best and worst-selling toys. |
| 9 | User and product policy rules integrated into the application. |
| 10 | Customer review system for products. |
| 11 | Frequently Asked Questions (FAQ) section for users. |
| 12 | *Personalized toy recommendations for children based on their age, brain, and personality developmental needs.* |
| 13 | *Surveys for capturing data about kids* |

## Step 2. List of Project Tasks

List all project tasks to be completed, based on the deliverables listed in the previous section. Do not list dates. Add more rows as necessary.

*Alternatively, you can attach your work breakdown structure (WBS) to the scope statement.*

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| **Work breakdown structure (WBS) attached** | | **NO** | **X** | **YES** |  |
| *Provide link, if applicable.* | **N/A** | | | | |

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| **TASK NO.** | **DESCRIPTION** |
| 1 | Planning |
| 2 | Requirements Gathering |
| 3 | Database Design |
| 4 | User Interface Design |
| 5 | Web App Development |
| 6 | Notification System Development |
| 7 | Customer Review System Development |
| 8 | Policy Rules Implementation |
| 9 | User Registration and Authentication Implementation |
| 10 | Product Detail Page Development |
| 11 | Shopping Cart Development |
| 12 | Payment Processing Integration |
| 13 | FAQ Section Development |
| 14 | Surveys and recommendation systems development |
| 15 | Testing and Quality Assurance |

## Step 3. Out of Scope

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| This project **will NOT accomplish or include** the following: | * Physical toy inventory management (the project focuses on the online system). * Extensive marketing and promotion campaigns. * In-depth market research beyond the scope of toy recommendations. |

## Step 4. Project Assumptions

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| **NO.** | **ASSUMPTION** |
| 1 | Toy data for the initial inventory will be provided |
| 2 | Users will have access to the internet and modern web browsers. |
| 3 | Payment gateways and external services will be available as needed for integration. |

## Step 5. Project Constraints

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| **PROJECT START DATE** | 10/20/2023 |
| **LAUNCH / GO-LIVE DATE** | 2/1/2024 |
| **PROJECT END DATE** | 2/1/2024 |
| **LIST ANY HARD DEADLINE(S)** | 2/12/2024 |
| **LIST OTHER DATES / DESCRIPTIONS OF KEY MILESTONES** | Midterm Project Review (Month 11-12) Prototype Completion (Month 1)  Final Project Presentation (Month 2) |
| **BUDGET CONSTRAINTS** | None (This is a university project with no specific budget) |
| **QUALITY OR PERFORMANCE CONSTRAINTS** | The project must meet the academic quality standards set by the university.  The web application should be fully functional and demonstrate the intended features. |
| **EQUIPMENT / PERSONNEL CONSTRAINTS** | Availability of project team members throughout the semester. |
| **REGULATORY CONSTRAINTS** | None. |

## Step 6. Updated Estimates

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| **Estimate the hours required to complete the project.** | If each individual worked 2 hours a day for 4 months the hours required to complete the project will be 240 hour per person |

## Step 7. Approvals

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| **STAKEHOLDER NAME & TITLE** | **ROLE OF STAKEHOLDER / APPROVER** |
| Afaf Al Shalabi | Professor | Primary Project Advisor |

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