**Dip Powder Nails 101**

COSC 412 Individual Project

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COSC 412 Fall 2020

Table of Contents

Part 1: **Introduction ..................................................................................................................... 3**

1.1 Project Overview ........................................................................................................... **3**

1.2 Project Deliverables ....................................................................................................... **3**

1.3 Evolution of the SPMP ................................................................................................... **3**

1.4 Reference Materials ....................................................................................................... **3**

1.5 Definitions and Acronyms .............................................................................................. **3**

Part 2: **Project Organization**

2.1 Process Model ............................................................................................................... **4**

2.2 Organizational Structure ................................................................................................. **4**

2.3 Organizational Interface ................................................................................................. **4**

Part 3: **Managerial Process**

3.1 Management Objectives and Priorities ............................................................................. **5**

3.2 Assumptions, Dependencies, and Constraints …........................................................ **5**

3.3 Risk Management .......................................................................................................... **5**

3.4 Monitoring and Controlling Mechanisms ......................................................................... **5**

Part 4: **Technical Process**

4.1 Methods, Tools, and Techniques ..................................................................................... **6**

4.2 Software Documentation ................................................................................................ **6**

4.3 Project Support Functions ............................................................................................... **6**

Part 5: **Description of Work Packages**

Work Breakdown Structure (WBS) ....................................................................................... **7**

Project Schedule .................................................................................................................. **7**

**Part 1: Introduction**

1.1 Project Overview

I am creating a website to help people join the dip powder community. The site will have many important aspects that go along with dip powder manicures. It will have step-by-step directions on how to complete a basic manicure, a photo gallery for inspiration, a helpful tips and tricks section, a spot for links to different companies that sell dip powders, along with helpful tools from amazon, links to youtube videos for tutorials on different designs to do, as well as a section on DIY creation. The site is designed to be a “one-stop-shop” for all of the basic dip powder manicure needs, as everything you could possibly need to complete a proper manicure will all be included in this website.

1.2 Project Deliverables

Repository – 9/25/2020

SPMP – 10/5/2020

Final Presentation – 12/14/2020

1.3 Evolution of the SPMP

Since this website is not being created for a customer and is based solely off of what I think should be included, there will be no changes related to customer wants. Not many extras components will need to be added to the site to make it as user friendly as possible. Any changes I decide to make will be updated in this SPMP as necessary.

1.4 Reference Materials

N/A

1.5 Definitions and Acronyms

N/A

**Part 2: Project Organization**

2.1 Process Model

* Requirement Specification
* Use Case Analysis
* System Design and Integration
* Build Prototype
* Testing
* Refine Prototype
* Deliver Final Version

2.2 Organizational Structure

Since this is an individual group project, there is no true organizational structure. There is no client to interact with and I am the only one working on everything.

2.3 Organizational Interfaces

GitHub, HTML

**Part 3: Managerial Process**

3.1 Management Objectives and Priorities

My management philosophy is self-discipline, making sure that I stick to the schedule I make for myself will allow me to get the work done on time.

3.2 Assumptions, Dependencies, and Constraints

This project is under a time constraint, it must be completed by November 28th by midnight.

3.3 Risk Management

There aren’t necessarily any risks related to this project as all of the scopes of this project have been defined by myself. This is an individual project so no other individuals can help, and there is no budget associated with it.

3.4 Monitoring and Controlling Mechanisms

Updates on the project will be provided via the link to its GitHub. This can be checked at any time.

**Part 4: Technical Process**

4.1 Methods, Tools, and Techniques

Github, HTML,, Javascript, CSS, L.

4.2 Software Documentation

The documentation plan is to update the SPMP with all updates as needed, ensuring that the revision sheet is updated as well. Anything that does not fit into the SPMP will be written up on a separate word document and added to the repository.

4.3 Project Support Functions

Quality assurance will be based off of user friendliness and since there is no customer for this project, it will be checked by myself and my friends to ensure that everything is working properly.

**Part 5: Description of Work Packages**

5.1 Work Breakdown Schedule (WBS)

| Individual Project Gnatt Chart | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | Aug 24 - Sept 6 | Sept 6 - Oct 7 | Oct 7 - Oct 16 | Oct 16 - Oct 30 | Oct 30 - Nov 13 | Nov 13 - Nov 28 |
| Approved Topic Proposal |  |  |  |  |  |  |
| Design Review Mtg |  |  |  |  |  |  |
| Tool Selection Review Mtg |  |  |  |  |  |  |
| SPMP |  |  |  |  |  |  |
| Milestone Review |  |  |  |  |  |  |
| System Test Plan |  |  |  |  |  |  |
| Presentation |  |  |  |  |  |  |

Dip Powder Nails 101

Deliver

Planning

Basic Website

Prototype Design

Expand Website

Improvement

Evaluate Requirements

Research

Task Management

5.2 Project Schedule