Nail Salon Management System
(Deliverable 1: Planning Phase)

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Problem?

Ann is a small business owner that runs two nail salons. She uses a system of data organization that is outdated, lacks certain features, and constantly crashes. Our job is to create a new system that can address these issues by creating a new system that can better organize and maintain customer information and add new features that the old system didn't have.

Project Overview

Requirements

- Creation of a database using SQL oracle that is able to organize customer information name, age, address, etc. and will be able to keep track of customer transactions along with warranty information.
- Creation of web application using HTML/PHP that will represent and specify details relating to the business such as opening/closing times and the business address.
- Creation of a link between the web app and the database. This will allow the customers to access this site and create an account that will offer certain benefits.
- Using transaction information create a customer reward system that keep track of customer reward point and spending.

Roles

Derek Luong - Business Analyst/App Developer
Asad Khan - Application Developer
Thomas Zhang - Project Manager/DB Developer
Spencer Wilkins - Database Administrator
Salman Khan - System Analyst
Hamza Mir - Quality Assurance

Project Plan (Planning Phase to Analysis Phase)

Nail Salon Management System Schedule

| | Start Week | Sep 18, 2019 |

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	Notes
Starting	Sep 18	Sep 25	Oct 2	Oct 9	Oct 16	Oct 23	Oct 30	Nov 6	Nov 13	Nov 20	Nov 27	Dec 4	Dec 11	
Planning Phase														
Derek														Pseudo code/ Customer data collection
Thomas														Project reports and planning
Salman														Web interface research design
Asad														Software research and assisting with database and application design
Hamza														QA reports
Spencer														Lead Database research
Analysis Phase														
Derek														Customer Data Collection/ Communicate with owner over changes/new requirements
Thomas														Project reports/ Database design
Salman														Web interface research design
Asad														Software research and assisting with database and application design
Hamza														QA reports
Spencer														Lead Database research and design

Planning Phase Goals:

- Complete research on what software to use regarding database and web app

- Establish meeting schedule and communication

- Define clear roles

- Plan key features of management system based of realistic completion based on time constraints

KanbanFlow

IS 436   HM TH SP? 3 +

Menu

To-do

Pseudo code/ Customer data collection
📅   TH

Due: **10 October 5:00 PM** (In progress)

Project reports and planning
📅

Web interface research design
📅

Software research and assisting with database and application design

QA Reports

Lead Database Research

Customer Data Collection/ Communicate with owner over changes/New requirements

Project reports/ Database design

Web Interface research design

Software research and assisting with database and application design

QA Reports

Lead Database research and design

Do today

In progress   1 / 3

Task Assignments

Done

Today

Deliverable 1

Feasibility Analysis: Technical Feasibility

- Time Constraints
- Familiarity with software needed to create database, web application and establish link (sql oracle, javascript, css, html, php etc.)
- Difficulty with linking database to web application, lack of knowledge on software

Feasibility Analysis: Economic Feasibility

Budget - The owner agree to pay from $40,000 for the application if it included all the functions and features she has listed. Project cannot exceed this cost. The cost of this project will be taken in consideration from the following

- Services/equipment - $28,000
- Risk factors - $8,000
- Miscellaneous - $4,000

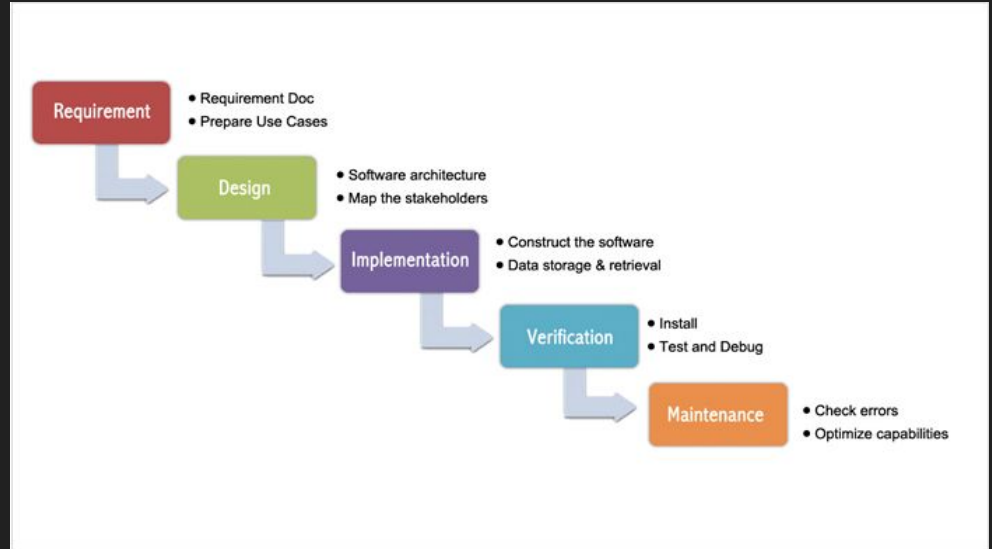# Feasibility Analysis: Organizational Feasibility

Temporary or permanent replacement of staff for position in case of sickness or resignation of staff.

Waterfall Methodology

Pro: Good for simple project.

Reduce communication error.

Con: Difficult to fix if there was

 problem/mistake in requirement

phase.

Questions?

https://github.com/tzhang490/IS-436.git