

# **Visiting Angels Personal Website**

## **Software Project Management Plan**

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Version: 1.0

## **Preface**

Visiting Angels is a business franchise with over 630 locations nation-wide, providing in-home care to senior citizens (Visiting Angels Territory Map). Services include housekeeping, meal preparation, shopping assistance, medical care, and more (Visiting Angels: About Page). Currently, the Visiting Angels office servicing the Baltimore-Towson area is looking to expand its services to reach more customers.

Serving as a consultant to Kathy, who represents client services for Visiting Angels Baltimore, I am motivated to develop a website to help advertise her services. The website will offer information about services available, contact information, and a simplified interface for requesting services from the Visiting Angels office.

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## **Introduction**

### **Project Description:**

The project will take the form of a website which will advertise services offered by Visiting Angels in the Baltimore-Towson area. The website will contain multiple pages including an about page, point of contact information, service request page, and quotes and/or stories from prior customers. The website aims to provide a more personalized experience to potential clients wanting to use services from Visiting Angels.

### **Project Deliverables:**

The development of a website for Kathy which will advertise her role as the point of contact for Visiting Angels in the Baltimore-Towson area.

- Use Cases (9/26 on Blackboard)
- Requirements (9/26 on Blackboard)
- Software Project Management Plan (9/26 on Blackboard)
- Functioning website (11/17 on Blackboard)
- Project presentation (11/24-12/1 on Discord)

### **Reference Materials:**

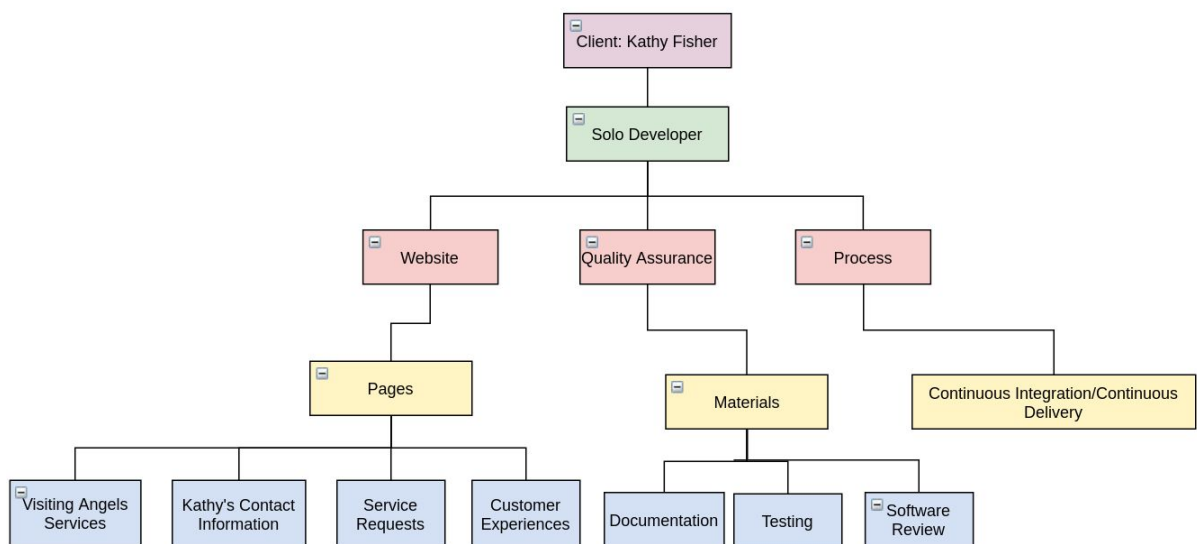
- Visiting Angels: About Page. [www.visitingangels.com/about-us](http://www.visitingangels.com/about-us). Accessed 5 Sept. 2020.
- Visiting Angels Territory Map. [www.livingassistance.com/territory-map](http://www.livingassistance.com/territory-map). Accessed 5 Sept. 2020.

## Project Organization

### Process Model:

I will be using the principles found in Agile software development to handle any changing requirements for the project.

### Organizational Structure:



**Organizational Interfaces:**

The website will be powered by a content management system, WordPress. Through the usage of plug-ins, the different components and pages of the site will be constructed. The website will be placed on a hosting platform ([www.namecheap.com](http://www.namecheap.com)). Once a domain name is purchased, users will just need the site's address to access it.

**Project Responsibilities:**

Team Member	Title	Responsibilities
Turhan Kimbrough	Consultant	Point of contact, writing documentation, website suggestions, technological guide for Kathy
Turhan Kimbrough	Web developer	website design, website hosting, manage plugins, maintain platform

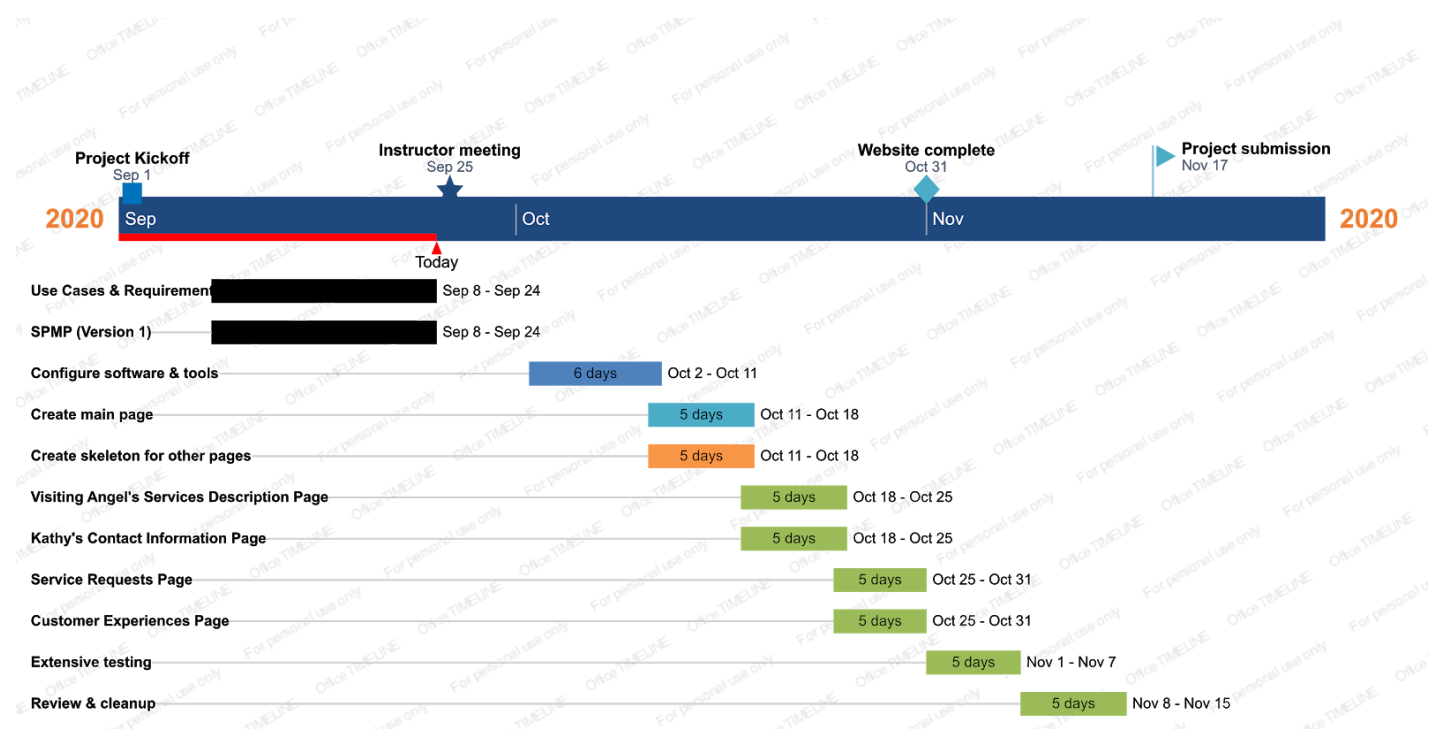
## Managerial Process

### Objectives:

Principles from Agile software development will be incorporated into the management philosophy as well. I will prioritize continuous integration and delivery to my client Kathy.

- ➔ Prioritize getting the initial template and structure of each page.
- ➔ Implement information pages such as contact information and descriptions of Visiting Angels services
- ➔ Work on implementing the service requests page and anti-spamming feature
- ➔ Write the last page which discusses customer experiences

### Tentative Schedule:



**Anticipated Budget:**

- \$10/year for website domain
- \$100 extra per year for content management/integration

**Project Anticipations:**

## Assumptions:

- Consistent feedback from Kathy
- Timely submission of deliverables
- Smoothe software integration

## Dependencies:

- Information from Kathy
- Information from Visiting Angels
- Website template

## Constraints:

- Less than 15 weeks time for project submission
- Pure virtual collaboration
- Solo project development

**Risk Management:**

I will schedule virtual meetings with Kathy each time a revision to the website is made. I will also be available to discuss the website at any moment Kathy needs information or requests a specific revision to be made.

I will specifically use tools and/or resources which will Agile software development. They will allow flexibility in changing requirements and account for any possible risks. I

**Monitoring Mechanism:**

I will be using the version control software available in WordPress. Also, I will provide a reference to Kathy so she can view the website at any given time. GitHub will be used to track code changes along with documentation.



## Technical Process

### Approach:

#### Methodology:

The system is anticipated to incorporate a single tier architecture. The user will enter the site via web address, which contains a home page with top-level access to all other pages. All information on the site will be delivered using HTML pages, and use a modification of the design template provided by WordPress. Pages will include descriptions, pictures, and graphics.

#### Tools:

- [www.wordpress.org](http://www.wordpress.org)
- [www.namecheap.com](http://www.namecheap.com)
- GitHub
- GitHub Student Developer Pack

### Documentation Plan:

Modifications to this project plan will be reflected in the Software Project Management Plan. Any revisions made will result in a version change to this document. Supporting documents will be available in BlackBoard as well.

### Project Support Functions:

#### Quality Assurance:

- Ensure software is up-to-date
- Ensure software bugs are caught early
- Ensure appropriate software testing is in-place
- Ensure quality software tools are used
- Ensure proper communication with client Kathy

#### Configuration Management Plan:

- Keep old copies of documentation and version each revision
- Maintain separation of stable software from unstable software
- Name major software deployments according to their new feature(s)
- Note any updates made to tools being used

#### Verification & Validation Plan:

- Ensure testing begins early
- Ensure proper tests are made
- Ensure the passage of tests
- Ensure Kathy is satisfied with any revisions or updates

## Work Breakdown Structure

