

Marcus Miller

February 2, 2020

## SER416 Work Breakdown Structure

- Best Community Service
  - Concept
    - Define Requirements
      - Define user requirements
      - Define content requirements
      - Define system requirements
      - Define server owner requirements
    - Define Risk and Risk Management Approach
    - Develop Project Plan
  - Website Design
    - Create ER Diagram
    - Create Relational Model
    - Create Mockup Data
    - Create Mockup Screens
    - Create System Class Model
    - Create Sequence Diagrams
  - Website Development
    - Create Database
    - Create Login Page
    - Create Donations Page
    - Create Signup Page
    - Create Payment Page
    - Create Home Page
    - Create Rent Large Space Room Page
    - Create Rent Equipment Page
    - Create Create Class Page
    - Create Classes Home Page
    - Create Update Account Information Page
    - Create Request Home Care Page
    - Create Request Shuttle Service Page
    - Test all webpages
    - Have users use webpages ASAP
  - Roll Out
    - Get nonprofits signoff on website
    - Host Website on Server
    - Advertise website to community members
  - Support
    - Setup support email
    - Fix any broken webpages

Project Scope Statement			
Title	Best Community Service	Date	February 02, 2020
Project Manager	Marcus Miller		
Project Justification	A nonprofit organization, has contracted us to work on "Best Community Service" which is their software project.		
Project Scope Description	Best Community Service will be an interactive web application that will benefit a small community by providing an interface to various kinds of services that will be offered by a nonprofit organization. The nonprofit will offer both free and paid for services. The application and nonprofit will rely on volunteers as well as part time and full time employees to manage the business and run the services. The majority of the income for running the business will be provided by donors. The nonprofit organization will use a local building that offers large spaces for organizing social events like weddings, community meetings, and funerals. The nonprofit will also offer a rental service for equipment needed for the events, as well as catering services. The nonprofit will also offer Spanish, arts and crafts, and painting classes taught by volunteers. The nonprofit will also offer home care as well as shuttle services for elderly and handicapped as external services.		
Project Deliverables	Software Requirements Specification (SRS)	A list of services and short description of each of them.	
	Design Document	A high-level wireframe showing the main screens and the relationship between them	
		A detailed list of screens and their contents	
		A use case diagram	
		A list of use cases where each use case will show a sequence of one successful scenario and one alternative scenario.	
	Project Management Plan	Project scope statement	
		Project Work Breakdown Structure and activities	
		Project schedule and budget	
		Project risk breakdown structure and matrix	
	Prototype	Prototype will include the main screens for the user side. Source code and screenshots will be submitted.	
Product User Acceptance Criteria	Deliverables will be signed off by the nonprofit organization when completed.		
Project Boundaries	The prototype will only use mockup data. The prototype will only show user facing screens. No detailed drawings will be provided only rough mockups.		
Constraints	The majority of the income to run the business will come from donors. The number of volunteers is unknown.		

<b>Assumptions</b>	No new services or rental equipment will be added to the system after this document is approved.
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