Conta app

Supplementary Specification

Version <1.0>

Revision History

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# Introduction

[The introduction of the **Supplementary Specification** provides an overview of the entire document.

The **Supplementary Specification** captures the system requirements that are not readily captured in the use cases of the use-case model. Such requirements include:

Legal and regulatory requirements, including application standards.

Quality attributes of the system to be built, including usability, reliability, performance, and supportability requirements.

Other requirements such as operating systems and environments, compatibility requirements, and design constraints.]

Considering, the importance of providing timely and accurate financial information by accounting firms, owning a website can ensure smooth operation of the businesses. Having a website can prove to be extremely advantageous for the accounting firms.

A website can help you build a better relationship with the clients. You can track client interaction, streamline the communication process and capture more clients with the help of a website.

Automation of schedules, reminder set up is some of the vital significance of owning a website. Clients can stay in-sync with the existing calendar and online appointment can be set up via website. Centralized calendar management, synchronizing calendar with iPhone, Outlook or Blackberry, and easy management of various meetings through a website makes the work hassle-free for the clients.

A website can also enable the clients to share the documents online with your accounting firm. Files can be uploaded on site and client can be notified via automated e-mail. It is easy to track when a shared document is viewed, reviewed along with the related client correspondence history.

There are various marketing and website tools available which just in a few minutes can create highly specific landing pages with special offers and advertise them to the prospects, clients via social media and email. A personalized website enables the accountants to meet the specific business needs and drives more business and facilitates timely responses anywhere, anytime.

# Non-functional Requirements

*[Define system quality attributes in terms of scenarios according to the following template:*

* *Quality attribute definition*
* *Source of stimulus: the entity (human or another system) that generated the stimulus or event*
* *Stimulus: a condition that determines a reaction of the system*
* *Environment: the current condition of the system when the stimulus arrives*
* *Artifact: is a component that reacts to the stimulus. It may be the whole system or some pieces of it*
* *Response: the activity determined by the arrival of the stimulus*
* *Response measure: the quantifiable indication of the response*
* *Tactics*

*]*

In [systems engineerin](https://en.wikipedia.org/wiki/Systems_engineering)g and [requirements engineering](https://en.wikipedia.org/wiki/Requirements_engineering), a non-functional requirement (NFR) is a [requirement](https://en.wikipedia.org/wiki/Requirement) that specifies criteria that can be used to judge the operation of a system, rather than specific behaviors. They are contrasted with [functional requirements](https://en.wikipedia.org/wiki/Functional_requirement) that define specific behavior or functions. The plan for implementing functional requirements is detailed in the [system design](https://en.wikipedia.org/wiki/Systems_design). The plan for implementing non-functional requirements is detailed in the [system architecture](https://en.wikipedia.org/wiki/Systems_architecture), because they are usually [architecturally significant requirement](https://en.wikipedia.org/wiki/Architecturally_significant_requirements)s. Broadly, functional requirements define what a system is supposed to do and non-functional requirements define how a system is supposed to be.

## Availability

The application is available to any visitor who is interested in a collaboration with the accountancy company, or just to read some informations about it. Also, a more detailed version of the website is available to the staff, who can also modify the content.

## Performance

It’s implemented in python, so it isn’t very fast, but since it isn’t too complex, it’s gonna be performant.

## Security

Besides the basic login, some pages are restricted by user role or an active user session. The login process is secured against SQL injections due to string checks before integrating them in the queries. The test accounts will be deleted from the db after the development process will be finished(so there won’t be any admin-admin like combination). The passwords are hashed before saving them in the database, so any break in attempt to the database will fail to get the login credentials of the users.

## Testability

The project will be manually tested for the beginning at each added feature, but also recursively backwards.

## Usability

The application is very useful as a presentation website to the clients who are interested in the company’s services, but also for the staff, getting them more projects.

# Design Constraints

[This section needs to indicate any design constraints on the system being built. Design constraints represent design decisions that have been mandated and must be adhered to. Examples include software languages, software process requirements, prescribed use of developmental tools, architectural and design constraints, purchased components, class libraries, and so on.]