



CGI Business Cards Documentation

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CGI

Headlines

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Version history

[illegible]

Purpose and Scope

The purpose of this document is to capture the high level needs of the stakeholders. This is to make sure that there is an understanding between the customer and the development team about which product is going to be developed. The document also serves as a single source of information so that several developers may cooperate in the development of the product.

This document may serve as a base for System Requirements. This document does not contain any requirements on specific technical solutions.

Entering a Stakeholder Need

A stakeholder need shall be entered on the format “As a [role] I want [something] so that [benefit].”

Each stakeholder need has an ID so that it can be referenced from other documents. **The ID shall not be changed even when moving a stakeholder need within the document,** otherwise references will eventually be wrong. This means that it is ok that the Stakeholder Needs are NOT sorted by their ID in this document.

Definitions

Business Card	A Business Card containing contact details

Roles

System Owner	CGI as a company
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Time Planning

- Investigate different design options: 1h
- Inventory existing solutions/components: 1h
- Documentation, setting up template: 1h
- Priorities: 1h
- Programming, creation of structure: 1h
- Programming API: 4h
- Programming Backend: 4h
- Programming Frontend: 2h
- Documentation: 2h
- Testing: 1h

Design choices:

Priorities:

- Design choices
- Documentation
- Structure
- Simplicity

Downprioritized (because of timeframe):

- Security (Web API JWT Authentication)
- Frontend

Description

The task consists of writing a service that handles business cards, with the following functionality:

- Create a new business card
- List all business cards
- Update business cards
- Remove business cards

A business card consists of first name, last name, telephone, email address and picture.

The service must consist of both a server and a client. The server should be a REST API written in C#. The business cards can be stored in any way you like. The client must be run in a browser and can, for example, be created using Angular, React or Vue.

In order for us to easily review and test run your solution, we would like you to briefly describe dependencies to third-party libraries or other applications as well as how to build and use the service.

Solution including description can advantageously be uploaded on, for example, GitHub or alternatively packaged in a ZIP file that is uploaded to any cloud service.

List of Stakeholder Needs

AS A SYSTEM OWNER...

SND-1010:

I want to be able to Add a BusinessCard.

SND-1020:

I want to be able to Update a BusinessCard.

SND-1030:

I want to be able to Delete a BusinessCard.

SND-1040:

I want to be able to Get all BusinessCards.

SND-1050:

I want to be able to Get a BusinessCard.