Group Project Documentation   
Building Cross-Platform Back-End Application With .NET

*<Project Name>*

**Prepared by <Group Name>**

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**Ho Chi Minh City, 2022**

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**Revision History**

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| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
| *Van Vo* | *01 January 2022* | *Initial draft* | *1.0 draft 1* |
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|  |  |  |  |

# Project Introduction

## Product Perspective

*<Provide a short description of the project being specified and its purpose. Describes the system that you will implement (this project perspective is not certain to be too detailed. It's just a paragraph so that the reader can understand the system that will be presented).>*

## User Classes and Characteristics

*<You should mention the important issue; other detailed information can be presented in the form of Business rules.>*

*<Identify the various user classes that you anticipate will use this project and describe their pertinent characteristics. Some requirements might pertain only to certain user classes.>*

# Database Design

*<A data model is a visual representation of the data objects and collections the project will process and the relationships between them. Include a data model for the business operations being addressed by the system, or a logical representation for the data that the system itself will manipulate.*

*Data models are most commonly created as an entity-relationship diagram.>*

# System Architecture

*<Describe the environment in which the project will operate, including the hardware platform; operating systems and versions; geographical locations of users, servers, and databases; and organizations that host the related databases, application servers, API, and websites.>*

*<A detailed description of how you design the system. You should provide your understanding of your architecture and how your application implemented. The diagrams (eg UML: deployment diagram, class diagrams) should be provided if necessary.>*

*<A detailed description of any new technologies you find out (not in school) to develop applications.>*

# Implementation

## Deployment Considerations

*<Summarize the information and activities that are needed to ensure an effective deployment of the solution into its operating environment.>*

*<Describe the access that users will require to be able to use the system, such as whether the users are distributed over multiple time zones or located close to each other. State when the users in various locations need to access the system. If infrastructure changes are needed to support the software’s need for capacity, network access, data storage, or data migration, describe those changes.>*

*<Record any information that will be needed by people who will be preparing training or modifying business processes in conjunction with deployment of the new solution.>*

## Screenshots and explanations

*<Screen flow | Dialog Map>*

*<The screenshots and explanations>*

# References

1. *Beatty, Joy. Process Impact Intranet Development Standard, Version 1.3, www.processimpact.com/corporate/standards/PI Intranet Development Standard.pdf*
2. *Rath, Andrew. Process Impact Internet Application User Interface Standard, Version 2.0, www.processimpact.com/corporate/standards/PI Internet UI Standard.pdf*