Software Requirements Specification

for

GoCatering

Version 1.0 approved

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STMIK ERESHA 2019

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Revision History

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| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
|  | 16 Maret 2019 |  | 1.0 |
|  |  |  |  |

# Introduction

## Purpose

Dalam meningkatkan penjualan UMKM Tangsel khususnya dibidang kuliner maka dari itu dibutuhkan teknologi yang bisa digunakan sehingga produk tersebut dapat dirasakan oleh masyarakat Tangsel khususnya dan masyarakat luas pada umumnya.

Seiring variatifnya kuliner yang ada saat ini mulai dari makanan cepat saji, makanan nusantara, makanan sehat rendah kalori dan berbagai camilan/kue menjadi kebutuhan yang sangat mendasar dan menjadi lifestyle seseorang sehingga akan menjadi peluang bisnis yang baik.

Hal tersebut yang melatarbelakangi adanya aplikasi mobile GoCatering ini dan serta ikut berpartisipasi dalam industry 4.0.

## Document Conventions

Berikut adalah istilah yang ada dalam dokumen SRS ini:

*IEEE (Institute of Electrical and Electronics Engineers) adalah standar internasional untuk pengembang perangkat lunak*

*SKPL (Spesifikasi Kebutuhan Perangkat Lunak) atau SRS (Software Requirement Specification) adalah dokumen hasil analisis sebuah perangkat lunak yang berisi spesifikasi kebutuhan pengguna*

*UML (Unified Modeling Language) adalah standar untuk memodelkan sistem perangkat lunak*

*UMKM (Usaha Kecil Mikro & Menengah) adalah usaha produktif yang dimiliki perorangan maupun [badan usaha](https://www.maxmanroe.com/vid/bisnis/pengertian-badan-usaha.html" \t "_blank) yang telah memenuhi kriteria sebagai usaha mikro*

## Intended Audience and Reading Suggestions

*Pengguna dari dokumen ini adalah pengembang perangkat lunak goCatering dan pengguna (user) dari perangkat lunak atau personil-personil yang terlibat dalam sistem.*

## Product Scope

Scope requirement ini meliputi:

1. Merupakan aplikasi mobile dan support untuk Android
2. Proses registrasi dengan email & password
3. Proses login
4. Menu makanan yang disediakan adalah makanan paket harian untuk 1 orang
5. Jadwal makanan adalah untuk hari besok nya (H+1)
6. Order makanan hanya dapat dilakuakn 1x per transaksi
7. Adanya notifikasi order by email
8. Pembayaran menggunakan COD (Cash on Delivery)
9. Mitra kerja (penyedia catering) adalah UMKM Tangerang Selatan

Out of scope:

1. Pembayaran tidak bisa dilakukan via transfer
2. Detail proses pengiriman & logistik tidak dijelaskan pada tahap ini
3. Tidak ada proses update order
4. Tidak ada proses cancel order
5. Tidak ada proses pendaftaran mitra/partner (penyedia catering)
6. Tidak ada fitur reset dan ubah password

## References

Berikut adalah daftar acuan yang digunakan dalam pendokumentasian spesifikasi kebutuhan perangkat lunak ini.

<https://goumkmtangsel.com/>

<http://www.agiledata.org/essays/objectOrientation101.html>

<https://en.wikipedia.org/wiki/Industry_4.0>

# Overall Description

## Product Perspective

## Product Functions

## User Classes and Characteristics

Class yang mewakili sebagai user

Dan class yang mewakili sebagai menu

## Operating Environment

Kebutuhan server untuk mengakomodasi admin & aplikasi

Platfrom server

Soffware kompone yang dibutuhkan

## Design and Implementation Constraints

Batasan item2 yabg membatasi pengembang

Mis: hanya menggunakan DB SQL

## User Documentation

Jika ada kebutuhan dokumen yang diperlukan oleh user

## Assumptions and Dependencies

# External Interface Requirements

## User Interfaces

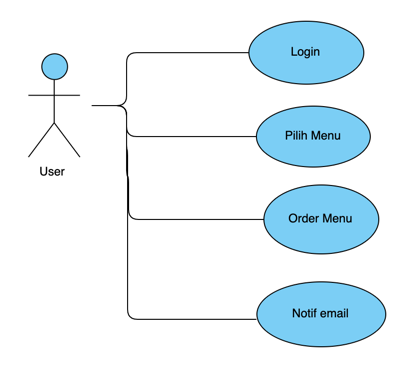
## Hardware Interfaces

## Software Interfaces

## Communications Interfaces

Koneksi antara admin,software dan server

# System Features



Kebutuhan Fungsi:

Registrasi

Login

Order

Non fungsi:

Proses order hanya bisa dilakukan 1x per transaksi

## System Feature 1

<Don’t really say “System Feature 1.” State the feature name in just a few words.>

4.1.1 Description and Priority

<Provide a short description of the feature and indicate whether it is of High, Medium, or Low priority. You could also include specific priority component ratings, such as benefit, penalty, cost, and risk (each rated on a relative scale from a low of 1 to a high of 9).>

4.1.2 Stimulus/Response Sequences

<List the sequences of user actions and system responses that stimulate the behavior defined for this feature. These will correspond to the dialog elements associated with use cases.>

4.1.3 Functional Requirements

<Itemize the detailed functional requirements associated with this feature. These are the software capabilities that must be present in order for the user to carry out the services provided by the feature, or to execute the use case. Include how the product should respond to anticipated error conditions or invalid inputs. Requirements should be concise, complete, unambiguous, verifiable, and necessary. Use “TBD” as a placeholder to indicate when necessary information is not yet available.>

<Each requirement should be uniquely identified with a sequence number or a meaningful tag of some kind.>

REQ-1:

REQ-2:

## System Feature 2 (and so on)

# Other Nonfunctional Requirements

## Performance Requirements

<If there are performance requirements for the product under various circumstances, state them here and explain their rationale, to help the developers understand the intent and make suitable design choices. Specify the timing relationships for real time systems. Make such requirements as specific as possible. You may need to state performance requirements for individual functional requirements or features.>

## Safety Requirements

<Specify those requirements that are concerned with possible loss, damage, or harm that could result from the use of the product. Define any safeguards or actions that must be taken, as well as actions that must be prevented. Refer to any external policies or regulations that state safety issues that affect the product’s design or use. Define any safety certifications that must be satisfied.>

## Security Requirements

<Specify any requirements regarding security or privacy issues surrounding use of the product or protection of the data used or created by the product. Define any user identity authentication requirements. Refer to any external policies or regulations containing security issues that affect the product. Define any security or privacy certifications that must be satisfied.>

## Software Quality Attributes

<Specify any additional quality characteristics for the product that will be important to either the customers or the developers. Some to consider are: adaptability, availability, correctness, flexibility, interoperability, maintainability, portability, reliability, reusability, robustness, testability, and usability. Write these to be specific, quantitative, and verifiable when possible. At the least, clarify the relative preferences for various attributes, such as ease of use over ease of learning.>

## Business Rules

<List any operating principles about the product, such as which individuals or roles can perform which functions under specific circumstances. These are not functional requirements in themselves, but they may imply certain functional requirements to enforce the rules.>

# Other Requirements

<Define any other requirements not covered elsewhere in the SRS. This might include database requirements, internationalization requirements, legal requirements, reuse objectives for the project, and so on. Add any new sections that are pertinent to the project.>

Appendix A: Glossary

<Define all the terms necessary to properly interpret the SRS, including acronyms and abbreviations. You may wish to build a separate glossary that spans multiple projects or the entire organization, and just include terms specific to a single project in each SRS.>

Appendix B: Analysis Models

<Optionally, include any pertinent analysis models, such as data flow diagrams, class diagrams, state-transition diagrams, or entity-relationship diagrams.>

Appendix C: To Be Determined List

<Collect a numbered list of the TBD (to be determined) references that remain in the SRS so they can be tracked to closure.>