Reasy Peasy

Supplementary Specification

Version <1.0>

Revision History

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Supplementary Specification

# Introduction

Reasy Peasy is a reservation system application with the purpose of making this process easier for pubs clients and staff. Customers can see the free tables of a pub in real time and make/cancel a reservation.The reservation request must be accepted first by one of the pubs Staff.

There is also a secondary application for pubs only, where the employees of pubs can make a pub registration request, which must be accepted by App Admin.

# Non-functional Requirements

A non-functional requirement  is a 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 that define specific behavior or functions.

## Availability

Application availability is the extent to which an application is operational, functional

and usable for completing or fulfilling a user’s or business's requirements. This measure

is used to analyze an application's overall performance and determine its operational

statistics in relation to its ability to perform as required.

Database server will be on 24/7.

There is no Disaster recovery.

## Security

**Application security** encompasses measures taken to improve the security of an application often by finding, fixing and preventing security vulnerabilities. Different techniques are used to surface such security vulnerabilities at different stages of an applications lifecycle such as design, development, deployment, upgrade, maintenance.

My application uses Spring security which is a framework that focuses on providing both authentication and authorization to Java applications.

## Testability

Testability is the degree to which a software artifact (i.e. a software system, software

module, requirements- or design document) supports testing in a given test context. If the

testability of the software artifact is high, then finding faults in the system (if it has any) by

means of testing is easier.

My application is tested using unit testing.

## Usability

Usability is a controlled aspect of User Experience design that ensures the end-user

doesn’t strain or encounter problems with the use of a product or website’s user interface.

A user experience designer can control accessibility, user interface, information

architecture and usability to suit the uncontrolled aspects like goals, user lifestyle and

habits. UX design uses the controlled aspects of technology to suit the uncontrolled.

# 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.]