

# High Level Design

*ORGANIZE IT*

version 1.1

30.11.2023

**Document history**

Version	Status	Date	Responsible person	Reason for change
1.0	Created	30.11.2023	Colic, Mezgolits, Nassar	Meeting
1.1	Edited	3.12.2023	Colic	Introduction, Server Overview

**Abbreviations**

**Table of contents**

<b>1. INTRODUCTION</b>	<b>1</b>
1.1. PURPOSE	1
The purpose of "ORGANIZE IT" is to have a multiplatform software designed to streamline task management in today's dynamic digital landscape. With the uprising in remote work and the need for seamless multi- and inter-platform communication, "ORGANIZE IT" addresses the challenges of staying organized and synchronized across various engagements.	
Its primary goal is to enhance productivity by providing a unified hub where tasks and notes can be managed, shared and synchronized effortlessly among multiple parties.	1
1.2. SYSTEM OVERVIEW	1
The two main components of ORGANIZE IT will be the front- and backend. [Backend noch fraglich wie]	1
1.3. DEFINITIONS	
[BRAUCHEN WIR DAS?]	1
1.4. OPERATING CONDITIONS	
ORGANIZE IT IS A MULTIPLATFORM SOFTWARE, THAT MEANS THAT IT WILL BE COMPATIBLE FOR MOBILE DEVICES (iOS, ANDROID) AND DESKTOP DEVICES (WINDOWS, MacOS (?)).	1
1.5. DOCUMENT OVERVIEW	1
This High Level Document contains following subjects:	1
• Introduction including the purpose of ORGANIZE IT and a short summary of the system	1
• An overview of various components with their role and functionality	1
• A class diagram, an activity diagram and a sequence diagram	1
<b>2. SERVER OVERVIEW</b>	<b>1</b>
2.1. ROLE OF SERVER(?) IN THE OVERALL SYSTEM	2
2.2. FUNCTIONALITY	2
<b>3. DETAILED DESIGN</b>	<b>2</b>
3.1. ARCHITECTURE	
SERVER: HTML STATELESS API ODER WEBSOCKET?	2
3.2. UML DIAGRAMS	2
3.2.1. Class Diagram	2
3.2.2. Activity Diagram	2
3.2.3. Sequence Diagram	2
<b>4. APPENDIX</b>	<b>2</b>

# 1. Introduction

## 1.1. Purpose

The purpose of "ORGANIZE IT" is to have a multiplatform software designed to streamline task management in today's dynamic digital landscape. With the uprising in remote work and the need for seamless multi- and inter-platform communication, "ORGANIZE IT" addresses the challenges of staying organized and synchronized across various engagements.

Its primary goal is to enhance productivity by providing a unified hub where tasks and notes can be managed, shared and synchronized effortlessly among multiple parties.

## 1.2. System Overview

The two main components of ORGANIZE IT will be the front- and backend. [Backend noch fraglich wie]

## 1.3. Definitions

[Brauchen wir das?]

## 1.4. Operating Conditions

ORGANIZE IT is a multiplatform software, that means that it will be compatible for mobile devices (iOS, Android) and desktop devices (Windows, MacOS (?)).

## 1.5. Document Overview

This High Level Document contains following subjects:

- Introduction including the purpose of ORGANIZE IT and a short summary of the system
- An overview of various components with their role and functionality
- A class diagram, an activity diagram and a sequence diagram

# 2. Server Overview

## 2.1. Role of *Server(?)* in the Overall System

The *Server(?)* is used to enable communication and interactive actions for the users. Without a *Server(?)*, ORGANIZE IT would not be synchronizable, meaning that users could not work together.

## 2.2. *Functionality*

[Recherche notwendig was wir letztendlich als “Server” benutzen]

# 3. Detailed Design

## 3.1. *Architecture*

*Server: HTML stateless API oder WebSocket?*

## 3.2. *UML Diagrams*

### 3.2.1. Class Diagram

### 3.2.2. Activity Diagram

### 3.2.3. Sequence Diagram

## **4. Appendix**