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CENG 408

USER'S MANUAL

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Version 1.0

29.05.2024

Releases:

Date	Version	Release notes
29.05.2024	V1.0	First

1. User Manual

1.1 Introduction

The Daily is an application that users can write and share their dailies with emotion and topic analyses.This user manual aims to provide enough information to use application, to compile and run the project from zero. In this document, we discussed hardware requirements, software requirements, application installation and usage processes and also project deployment instructions.

1.2 Software Installation/Usage

1.2.1 Overall

Installation:

- Download & install the given .apk file in the repository.

Usage:

- Launch app from your mobile phone

- Register an account from the first screen.

- After registration, you have to verify your account via the mail that system sends to your e-mail. After that you can login the system.

- Now, you can browse other dailies from explore tab, write a daily for your collection (and also you can share that with others), display your dailies if you wrote one or more, check the statistics and achievements.

1.2.2 Requirement

1.2.2.1 Hardware Requirements

- Mobile phone that has at least 3 GB ram

1.2.2.2 Software Requirements

- IOS or Android operating system.

1.2.3 Using Daily

1.2.3.1 Login/Register

After entering the necessary information into the system, you can use the login or registration buttons to gain access. If you already have an account,you can directly login from the first screen. If you do not have an account, just register with verification. After verification you can try to login.

1.2.3.2 Home Page

In the home page, you can navigate to statistics, your daily, explore, write a daily, profile screens. This page is the main point for all other pages to navigate.

1.2.3.3 Statistics

In the Statistics page, you can check your statistics like days that you wrote daily, wows (the count for likes of your shared dailies), views, daily streak, how many dailies you wrote, your general mood based on the dailies that you wrote, and also topic list of dailies.

1.2.3.4. Your Daily

In the Your Daily page, you can display your dailies as a photo album. In the album you can see your dailies as selectable cards with date information. You can access daily image via pressing on it. After pressing, you will see directly the image but if you press to image again, you can display the written text, image and topic analyses. If you long press dailies, you can change the image with selecting another image from your phone.

1.2.3.5. Explore

In the Explore page, yoı can browse all shared dailies from other users anonymously for personalized order with respect to your favs. You can swipe up or down to take a look at dailies. At the bottom, there are three buttons that are favorite, switch and report. If you press the favorite button, the wow count of the current daily at the screen will increase and your daily preference algorithm will be updated. With pressing the switch button, you can switch screens that display daily image or daily text and analyses. If you want to report a daily, you can press the flag icon, after that a pop-up will be displayed. You can select your report category and type your description.

1.2.3.6. Write a Daily

In the Write a Daily page, you can type your day to the textbox in the screen. After the typing, you can press submit button. A pop-up will show up, you can enter a custom prompt that will be added to the image generation process. You can also decide whether daily will be shared with other users or not from this pop-up.

1.2.3.7. Profile

The app can incorporate a loyalty and rewards program to encourage regular participation. Users earn points for actions such as donating food, reserving food, and rating transactions. These points can be redeemed for rewards or discounts at partner stores and restaurants.

1.3 Compilation / Installation Guide

1.3.1   Prerequisites / Tools

- Go version 1.21.5
- Nodejs 20.10.0
- MongoDB Server
- Git

1.3.2 Starting the Project

- Run the "git clone *%repository address%*" command from terminal.
- Create separate .env files that cover the needs for daily-server project & daily-ui project.
- For daily-ui, run the "npm i" and "npx expo start" commands with respect to order.
- Open application in any simulator with selecting in the list (use keyboard to select).

- For daily-server, run the "go mod download" and "go run main.go" commands with respect to order. After that process server will start.

- To deploy ai-server, run the "python3 -m venv venv", "source venv/bin/activate", "pip install -r requirements.txt", "fastapi dev main.py" commands with respect to order.