Glossary

A

advisor: Experienced person who provides guidance to the project team.

alert: Refers to giving informal notification to the user for special events or other important occurrences.

**automated task:** A task added to the calendar by an algorithm based on user preferences.

automation: The use of technology to perform tasks with minimal need of human intervention. In this Project, it is aimed to perform task scheduling automatically by developing custom algorithm.

automation engine: The system that performs task scheduling automatically by custom algorithm.

API and data provider: Third party institution that have necessary data, information, or services and provide them.

AWS EC2: Web service that provide scalable computing capacity in the cloud.

B

**basic calendar:** An application which has primitive calendar features such as task addition and editing, and monitoring.

C

character limit for “Detailed Info”: 128

character limit for “Task Name”: 64

commonly used calendar apps: Popular calendar applications such as Google Calendar or Outlook Calendar.

competitor: Companies or individuals who own the same product in the same market.

companies: Organizations which need sophisticated calendar apps in their working environment.

**content delivery networks (CDN):** It is a geographically distributed network of serves that delivers web servers to the users based on their location.

**continuous development-testing-deployment:** Refers to a continuous life cycle for creating and delivering a software.

**core use-case:** A use case that is vital for the minimum viable product.

**CPU:** Central Processing Unit

**CSS (Cascading Style Sheets):** Stylesheet language used to describe the presentation of an HTML document.

**customers:** People who are target groups and users of the ToGather application.

**customizable reminder:** It refers to time slot for setting reminder in advance

D

**digital channels:** Digital platforms (such as social media).

**Django:** High-Level Python web framework which is used during the project development.

**Django Auth:** It provides authentication and authorization together.

**dynamic content adjustment:** It is a content alignment according to rules defined.

E

**end users:** People who will use and benefit from the application.

evaluators: Another team who gives rating and feedback by evaluating the project

**events:** gathering of individuals who come together for a specific purpose, whether it be for leisure, entertainment, networking, or celebration.

**event feed:** A timely collection of events like content shown in the home pages of social media apps.

**event organizers:** Organizers of the social events for the interest groups.

F

**framework:** A predefined piece of software that provides a component in a reusable form.

G

**geographical redundancy:** It refers that increasing accessibility by using cloud services.

**Groupcal:** A social calendar application that exists in the market.

H

**HTML (HyperText Markup Language):** markup language used to create web pages.

I

**I18n library:** Internationalization library for language support.

**IaaS:** Infrastructure as a service.

**in-app:** A process which is handled inside the application.

**infrastructure provider:** Third party institution that provide domain and cloud services.

**intelligent:** An intelligent application is a software application designed to help individuals efficiently manage their social and personal events, such as meetings, gatherings, and appointments, while incorporating smart features to enhance the user's planning and social interactions.

**intelligent event management**: Gathering data about events from various resources and using this data for making recommendations to users with minimal human input and maximum user satisfaction goal.

**integration with existing calendars:** Gathering data from other calendar applications.

**integrity check:** Checking mechanism to approve that backup data is nor corrupted and proper.

**interest groups:** Group of people who are interested in certain subject.

**Interoperability:** Compatibility with other platforms with the platform itself.

K

**KVKK:** Abbreviation for Turkish personal data protection law.

L

**load balancing:** Allocating user traffic to several instances of the computation to optimize that traffic.

**logging:** event recording.

**logging module:** module which is writing all the important log to the database.

M

**mainstream calendar apps:** Calendar applications which are popular and used widely by companies and individuals.

**manual task:** A task which is added to calendar manually by explicitly specifying the timely schedules.

**marketplace:** A digital platform that brings service providers and customers together.

**meetings**: Gathering with a certain group of people aiming shared goals.

**moment.js:** JavaScript library which automatically detects user’s time zone and sync it to other time zones or server’s time zone.

**MongoDB:** It is NoSQL database management program.

**MySQL:** Relational database management system program.

N

**next generation:** Superior to existing solutions. In context, it means the app is superior to existing apps in terms of its automation and intelligence features.

**NGINX: O**pen source software for web serving, reverse proxying, caching, load balancing, media stream

P

**PaaS:** Platform as a service.

**personal information fields:** Name, Middle name (Optional), Surname, Birth date, profile picture (Optional), areas of interest (concerts, theatres, cinemas etc.) (Optional).

**platform:** A platform is a technology or an infrastructure that provides a base for various applications, software, or services to be developed, deployed, and run.

**project:** Which refers to whole lifecycle of ToGather application.

**project team:** Professionals from diverse backgrounds who are dedicated to create this social calendar application.

**product marketplace provider:** Third party institution that provide marketplace to launch and serve the application.

**professionals:** people who are working on a certain company.

**Python:** Python is an object-oriented, interpretive, unitary and interactive high-level programming language.

R

**Raft:** A social calendar application that exists in the market.

**RAM**: Random Access Memory

**React:** Open source JavaScript library for creating user interface.

**React Native:** Open source JavaScript framework which helps to run applications on iOS and Android platforms.

**recommendations:** Some suggestions for users with minimal user input and maximum user satisfaction goal.

**recurrence** **pattern**: Daily, weekly, or monthly, selected by user from a given list.

**required fields for automation preferences:** Day/Night, Restricted Time Slots, Time Distribution.

**required fields for automated task creation:** Task Name (Necessary), Automation Start Date (Necessary), Automation End Date (Necessary), Recurrence (Optional), Duration (Necessary), Priority Level (Optional), Reminder (Optional), Event Category (Optional), Event Location (Optional), and Other People (Optional).

**required fields for manual task creation:** Task Name (Necessary), Start Date (Necessary), End Date (Necessary), Task Type (Necessary), Priority Level (Optional), Detailed Info (Optional), Place (Optional), Attachment (Optional), Reminder (Optional), Recurrence (Optional), Card Color (Optional) and Other People (Optional).

**required fields for recurrence:** Recurrence Start Date (Necessary), Recurrence End Date (Necessary) and Recurrence Pattern (Necessary)

**role-based access control:** It refers to policy-neutral access control mechanism defined around roles and privileges

S

**schedule**: Weekly schedule view on default. User can change it manually to daily and monthly.

**seamless:** Refers to something that is continuous, unbroken or without any interruption.

**sensitivity:** in Architectural notebook – Multi-Language Support Mechanism, it refers to culturally language misunderstood should be eliminated.

**session management:** It is used between the user and the web application to share and continuously exchange the session ID to check activity.

**simple task**: A task which is included to the calendar manually with minimal required information.

**single-click process:** A process that needs filling in some information in normal cases but turned to an automated process to make it handled by a click of mouse.

**Skedpal**: A automated calendar application that exists in the market.

**snooze and postpone:** It is a mechanism that user can postpone the reminder by snoozing it.

**social calendar**: A social calendar is a calendar of social events, is a tool that individuals and groups use to plan, organize, and keep track of various social or recreational activities, gatherings, and events.

**social integration**: Social features that are mostly presented in social media applications. These features mostly include networking options.

**social sign-up:** Handling sign-up process via third-party providers which are generally social media platforms or social web services (Facebook, Google OAuth).

**students**: People who are studying in university or higher degree (masters, PhD).

**subtask:** A task which is a successor or child of another task.

**syncing**: Moving or happening at the same time and speed as someone or something else.

**synchronization method:** It refers to the method for ensuring the data sync between other devices.

Q

**quality assurance:** systematic process or set of activities that ensure the quality and reliability of a product, service, or process.

T

third party institution: Institution which provide product or service to the project.

TimeTree: A social calendar application that exists in the market.

Trello: A collaborative project management tool.

**typical user load:** Expected user traffic based on past traffic and trends.

U

**UI:** User Interface

**UI translation:** Language translation of UI elements.

Revision Table

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| --- | --- | --- |
| **Revision** | **Description** | **Date** |
| 1.0 | First revision | 04/11/2023 |
| 1.1 | Changes applied according to ToGather\_REVIEW document. | 11/11/2023 |
| 1.2 | Additional explanations are added according to the iteration-2 documents. | 25/11/2023 |
| 1.3 | Changes applied according to ToGather\_Review document. | 30/11/2023 |