
TCU Computer Science

Motivate Me App Business Rules

Version <2.0>

Motivate Me	Version: <2.0>
Glossary	Date: <05/06/25>
<Final Draft>	

Revision History

Date	Version	Description	Author
<09/23/24>	<1.0>	<Initial draft>	<Everyone>
<05/06/24>	<2.0>	<Final draft>	<Everyone>

1. User Rules

1.1 Account & Profile Management

- **BR-1:** Each user must register with a unique email address.
- **BR-2:** Users can only modify their own profiles.
- **BR-3:** Phone numbers must follow the format 999-999-9999 (if required).
- **BR-4:** Required fields (Name, Email, Password) must be completed before saving profile changes.

1.2 Goal Management

- **BR-5:** Users can create, view, and edit their own goals and tasks.
- **BR-6:** Goals must include a title, category, and at least one task to be saved.
- **BR-7:** Users cannot modify tasks marked as "Completed" unless they first re-open the task.
- **BR-8:** Changes to goals trigger motivational updates and progress tracking.

1.3 Encouragement & Feedback

- **BR-9:** Users receive motivational messages upon completing tasks.
- **BR-10:** Encouragements are based on user-defined preferences (e.g., biblical motivation, generic motivation, custom motivation)
- **BR-11:** Users may rate or customize the tone of motivational content.

1.4 Notifications & Reminders

- **BR-12:** Users receive reminders for upcoming tasks based on their schedule.
- **BR-13:** Completed tasks trigger congratulatory notifications.

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- **BR-14:** Deleted notifications are permanently removed and cannot be restored
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3. System Rules

3.1 Data Validation

- **BR-15:** All input fields are validated before submission (e.g., no empty goal titles).
- **BR-16:** User IDs and emails must be unique and validated against existing records.
- **BR-17:** Invalid entries display contextual error messages.

3.2 Security & Permissions

- **BR-18:** Sensitive user data is encrypted.
- **BR-19:** Users can only view their own data unless sharing is enabled.
- **BR-20:** Activity logs retain user history for compliance and user support