User Manual

Product: Muster
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Installation:
> Installed as an apk on an Android device.

Main Activities and their functions:

- **Login**
  - From here the user may either login with existing credentials or register new ones and moves to the **Startup** screen when either task is completed separately.
  - This activity is skipped if the user remains logged in (I.E. they do not press logout on the **Startup Screen**.)

- **Startup Screen**
  - Provides navigation to the **Group Hub**, **Personal Calendar**, and the **Edit Contact Information** activities.
  - Additionally this activity allows the user to logout with their current credentials.

- **Edit Contact Information Activity**
  - Allows the user to input their name and phone number so their group(s) can contact them directly.
  - The information is sent when the user presses the update button.

- **Personal Calendar**
  - This activity allows the user to view the current date on a month view, view other months, indicate time slot usage on specific days, and add user input notes for any created events.
  - The event button, which allows editing of event notes, is in the top right corner.
  - The calendar is for the individual user's personal use and cannot be seen by their group(s).

- **Group Hub**
  - This page lists the group the user is in. In the upper right corner is a drop down menu that allows the user to goto the **Join**, **Create**, or **Pull Group** interfaces.
  - Listed groups may be tapped to move to the **Individual Group Page**.

- **Join Group**
  - This interface allows the user to join an existing group by entering the exact name of the group and tapping the join group button.

- ○ The user is automatically returned to the **Group Hub** if a group is successfully joined.

- **Create Group**
  - ○ This interface allows the user to create a new group by entering the exact name of the group and the days the group will be working on (in the form of checkboxes), then tapping the create group button.
  - ○ The user is automatically returned to the **Group Hub** if a group is successfully created.

- **Pull Group**
  - ○ This interface allows the user to pull the data of an existing group they have already joined on another device by entering the exact name of the group and tapping the pull group data button.
  - ○ The user is automatically returned to the **Group Hub** if a group is successfully created.

- **Individual Group Page**
  - ○ On this page are navigation buttons to access the **Member List, Group Weekly Availability, Edit User Availability,** and **Edit Group Active Days** interfaces.
  - ○ Additionally there is a drop down menu in the upper right corner that allows the user to leave the group if they joined it or disband a group they created. No confirmation prompt is given and the effect of leaving/disbanding take place immediately. The user is returned to the **Group Hub** if the group is successfully left or disbanded.

- **Edit Group Active Days**
  - ○ This interface allows the user to change the group's active working days, if the user is the group leader (the individual who created the group.) This is done by tapping the relevant checkboxes and tapping the update button.

- **Edit User Availability**
  - ○ This interface allows the user to indicate which time slots on a weekly schedule they are available for in relation to that specific group by tapping the corresponding checkboxes. The states of the checkboxes are automatically saved and sent to the server when the activity loses focus.
  - ○ The user may scroll vertically to view all of a day's time slots, and horizontally to view all the days of the week.

- **Group Weekly Availability**
  - ○ This activity shows the time slots that are available for all the members of the specific group; green slots representing availability, while yellow represents unavailable times.
  - ○ The user may scroll vertically and horizontally, as needed, to view the data.

- **Member List**
  - ○ This activity lists the members of the specific group.

- ○ In the upper right corner is a refresh button that immediately retrieves the most current list of members.
- ○ Listed members may be tapped to proceed to that member's **Member Page**.

- **Member Page**
    - ○ This page displays the specific individual's name, email, and phone number; if they're available.
    - ○ Additionally, the lower section of the page shows the individual's available time slots for the group.
    - ○ The individual's availability may be compared to the logged in user by tapping the "compare with your free times" button between the two sections of the page. This action updates the shown schedule to only highlight times when both the user and the individual are available. To once again see the individual's personal availability, this page must be closed and reopened.