

DAT255_AppsolutDistribute

Grupp 25

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User Stories

Mindmap / Headings

- Users
 - Server Admin
 - Install server application (on server machine)
 - Setup server
 - Server address
 - Server port
 - Server password
 - Other authorities
 - User
 - Connect to server
 - Create Account (insert user details)
 - Edit Account
 - Lobby
 - Search for group
 - Request to join
 - Accept invites to groups
 - Create group (insert group details)
 - User becomes Group Admin (see Group Admin)
 - Group name
 - Group password
 - Group functionality (select which functions to use)
 - User accessing group interface (in a group)
 - Leave group
 - Use functionalities
 - Extended rights (Moderator) – See “Give other users privilege” under group admin.
 - See other group members
 - Group Admin/Moderator
 - Manage group details
 - Group name
 - Group password
 - Add/Remove functionality
 - Disband group
 - Manage group members
 - Manage join requests (add)
 - Invite users to group (add)
 - Remove members from group
 - Give other user Moderator rights
 - Give other user Admin rights (add or replace)
 - Demote (remove Admin or Moderator rights)

User story

Server Installation

Prerequisite

None

Story

Server admin installs server application on server machine.

Server setup

Prerequisite

Connection to internet (server machine)

Story

Server admin setup server so that the server has an address, connection port, password and which types of authorities to be used.

User connect to server

Prerequisite

Connection to internet (user phone)

Story

User enters server address, port and server password and then click connect to try connect to the server. If successful, user enter lobby, else report unsuccessful attempt and prompts user to change server information.

Create user account

Prerequisite

User connected to server.

Story

User enters wanted username, wanted password and click create user. The app checks if the user name exists already and if it does not exist, create the new user and store password for the new user. If exist, prompt user to chose another user name.

Then let the user add user information as first name, last name, mobile/cell phone number, email....

When the user has finished adding information and click “Confirm”, the user is automatically logged in to the server and enters the lobby.

Edit user account

Prerequisite

User exist on server

Story

User can change password and other information (NOT user name).

Search for group (User)

Prerequisite

User is in Lobby (user has connected to server and user exist)

Story

User click “search group” and transition to a new view where the user is allowed to either browse all existing groups or search by name.

Request to join (User)

Prerequisite

User has selected a group (Search for group)

Story

User can click “request to join” for a group and the app sends a request to group admin (stored on server).

Accept invites to groups (User)

Prerequisite

User logged in at server.

Story

User gets a notification in the lobby that the user has new invitation to one or more groups. User clicks “Manage invites” and has the possibility to accept or reject invites.

Create a group (User)

Prerequisite

User logged in at server.

Story

From menu the user clicks “Create Group” and the view changes to a screen where the user can enter group name, group password, group avatar (either enter URL to an image or select from an avatar library). The user then click “Confirm group” and the app checks if the group name exist or not and if free, the group is created. If group exist, prompt user to choose another group name.

The user automatically gets Admin authority/role for the newly created group.

The Admin, get to select which types of functionality (examples: chat, share files, share position, share schedule) the group will use.

Leave a group (User)

Prerequisite

User logged in at server and user member of a group

Story

From group view, click “leave group”.

If user has admin role/authorities, and if this user is the only admin of this group, the admin is prompted to promote one or more users to admin or disband the group (destroying group).

If user is only normal user for the group in question, the user leaves the group.

Chat functionality (User)

Prerequisite

User logged in at server, member of a group and in group chat.

Story

User can write and send messages (time stamped) which all users receive. All messages are stored on server and when user is entering chat, last 10 messages are reloaded for user and have the option to load earlier messages.

Share files (User)

Prerequisite

User logged in at server, member of a group and in clicked “Share files”.

Story

User can choose “Upload file(s)”, “Download file(s)”, “Propose delete” and administrators & moderators can “Manage delete proposals” and “Delete file(s)”.

- “Upload file(s)” let the user select photos or other files to be uploaded to the server. Selecting files and confirm for upload.
- “Download file(s)” let the user see a file/folder structure and can check checkboxes for the files the user want to download and then confirm for download.
- “Propose delete” let the user see the file/folder structure and can check checkboxes for the files the user want to propose for deletion.
- From “propose delete” a list is populated of which files that are proposed for deletion and the administrators & moderators can go through the list and uncheck files (reject proposal for deletion to keep the file) and click confirm to delete the still checked files.
- With “Delete file(s)” administrators & moderators can browse files similar to “propose delete” but instead of proposing delete them directly by clicking the confirm button after checking the checkboxes of the files to delete.

Share Google Calendar (User)

Prerequisite

User logged in at server, member of a group and in clicked “Share Google Calendar”.

Story

Users can “Share Google Calendar”, “View group calendar” and “Schedule meeting”.

- “Share Google Calendar”
 - First time user, the user need to confirm that the app is allowed to fetch information from Google Calendar and enter the login credentials to make it possible for the app to fetch data.
 - The user can enter “From Date”, “To Date” and select from which Google Calendars to fetch information (since a user can have “other calendars” either imported or added by URL). All calendar objects are stored using standard format.
- “View group calendar” read all calendar objects saved within the group and visualize it using Google Calendar.
- “Schedule meeting” – from how much time needed
 - Let the user enter Event Title and then specify how long time the is required for the event and checks additional (optional) rules and then finds the first time that fit time requirement and scheduling rules (such as not mornings before 07:00, evenings after 21:00 and the whole night) and show it in the group calendar view. The user clicks either “Discard meeting” to cancel the scheduling or “Edit meeting” to fill in where it will take place and other scheduling information and finish by clicking “Save”.
- “Free schedule” – schedule meeting from calendar view showing all available times.
 - Let the user see the group calendar inverted, meaning highlighting non-booked time in the calendar for the user to pick any free time that the user decide fit the meeting

time requirements and then get to edit the calendar object that was showing this specific non-booked time.

Share position (User)

Prerequisite

User logged in at server, member of a group and in clicked “Share Position”.

Story

After clicking “Share Position”, Google Maps opens and show the position on the map. Notifications are sent to the other users within same group and the other users can look at the map with the position on map and also choose to share their position.

Game (User)

Prerequisite

...

Story

TO BE DESCRIBED

See other group members (User)

Prerequisite

User logged in at server and user member of a group

Story

Users can within the group see all group members as a list of members.

Group Admin / Group Moderator (menu for Group Admin or Group Moderator)

Prerequisite

Group Admin/Moderator in a specific group

Story

A user which also has the admin role can access “Group Admin” (or “Group Moderator” if user only have moderator privileges) through the menu and then have the possibility to browse through submenus containing “Manage group details” and “Manage group members” which contains following submenus.

- Group Admin / Group Moderator
 - Manage group details
 - Group name
 - Field with group name which can be edited and saved.
 - Admin only
 - Group password
 - Enter old password and then new password twice and confirm button. Return success/failure.
 - Admin only
 - Add/Remove functionality
 - List of available functionalities and checkboxes with checked for those active and unchecked for those no active, with possibility to check/uncheck and save.
 - Admin & Moderator
 - Disband group
 - Password and confirmation button
 - Admin only
 - Manage group members
 - Manage join requests
 - List of requests to accept (welcome message) or reject (reject message)
 - Admin & Moderator
 - Invite users to group
 - Search server users and select to invite and confirm button.
 - Admin & Moderator
 - Remove members from group
 - List of Group members and select to remove and confirm button.
 - Admin & Moderator
 - Give other user Moderator rights
 - List of Group members and select members(s) to promote to Moderator and confirm button.
 - Admin only
 - Give other user Admin rights
 - Add – List of Group members and select member(s) to promote admin and confirm button.
 - Replace – List of Group members and select member to promote to admin and remove your own admin rights and confirm button.
 - Admin only
 - Demote (remove Admin or Moderator rights)
 - List group administrators and moderators and select which to demote and confirm button.
 - Admin only

Solution notes

Group

ID	Group Name	Group Password	Group Avatar	Description
1	"AppsolutDistibute"	lowjeg0824u2	Image1.jpg	"string app"
2	"Team awesome"	lvjasfgp9ij93t	Image2.jpg	"string awesome"

User

ID	User Name	User Password	User Avatar	...
1	"AppsolutDistibute"	lowjeg0824u2	Image1.jpg	
2	"Team awesome"	lvjasfgp9ij93t	Image2.jpg	