Code for Social Good

Version <draft>

Revision History

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| --- | --- | --- | --- |
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# Brief Description

This document defines the requirement for Online Chat use case.

# Basic Flow of Events

The use case starts when user enters Code for Social Good web site.

## Login to Slack Team Site

1. C4SG home page displays a button with label “Chat”.
2. When user clicks the “Chat” button, a window is pop up asking user to login to C4SG.
3. User logs in to C4SG.
4. The system checks whether the user is already a member of Slack team site. The chat button displays “Chat” if user is a member, or displays “Join Chat” otherwise.
5. When user clicks “Chat” button, a new browser window opens up for C4SG’s Slack team site.
6. User logs in with their Slack account.

# Alternative Flows

## Set Up Public Channels

C4SG admin user sets up the public slack channels as follows:

* Announcements

C4SG publishes announcements in this channel. Team member joins this channel by default. Only C4SG user is allowed to post to this channel.

* Projects

This is the channel to discuss nonprofit opportunities.

* Miscellaneous
* Technical Channels

This list of technical channels is to be defined.

* Regional Channels

Regional channels will be created upon user’s request.

## Join Team Site

1. When a login user clicks “Join Chat” button, system pops up Are Your Sure window.
2. If user clicks Yes, C4SG sends user an email invitation to join the Slack team site.
3. User follows the invitation link to setup Slack account and join the team site.
4. User joins the Announcements channel by default.

## Join Public Channels

In Slack team site, user could optionally join any public channels.

## Create Private Channels

Nonprofit user could request from C4SG web site to create a private channel for a project.

## Join Private Channels

Nonprofit user is invited to join the private channel when the channel is created.

Unfortunately, Slack’s user role is team based. Slack doesn’t support channel based role. Nonprofit user is not able to invite volunteers to join his private channel from within Slack.

Nonprofit user should request from C4SG web site to invite volunteers to join the private channel.

## Archive Private Slack Channels

Private channel is archived when the corresponding project is closed.

## MVP Realization

Code for Social Good’s integration with Slack chat is dependent on technical resource availability. Chat features will be implemented in order of priority. Manual process is acceptable.

# Special Requirements

# Preconditions

User enters Code for Social Good web site.

# Postconditions

User joins Slack team site and starts online chat.

# Extension Points

# Appendix

## Slack API Requirement

API requirement is derived from the user case, and will be defined in Interface Control Document.

* Send out Slack email invitation.
* Verify whether an email address has joined the Slack team site.
* Create Slack private channel.