

Slack

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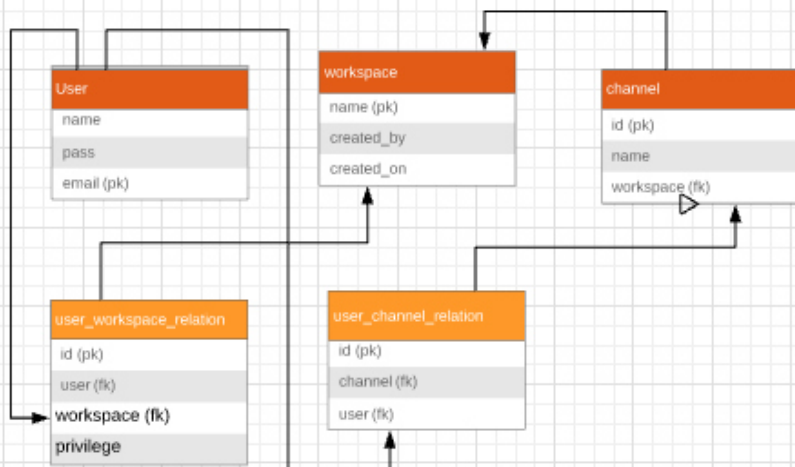
1 Introduction

- Slack is a cloud-based set of proprietary team collaboration tools and services and in this Project we have built web-based slack like application. Slack teams allow communities, groups, or teams to join through a specific URL or invitation sent by a team admin or owner. Although Slack was meant for organizational communication, it has been slowly turning into a community platform, a function for which users had previously used message boards or social media.

Technologies Used

- Redis
- Django Channels
- Elasticsearch

ER Diagram



Django administration

Site administration

AUTHENTICATION AND AUTHORIZATION

Groups

[+ Add](#) [Change](#)

Users

[+ Add](#) [Change](#)

MAIN

Channels

[+ Add](#) [Change](#)

User channels

[+ Add](#) [Change](#)

User work spaces

[+ Add](#) [Change](#)

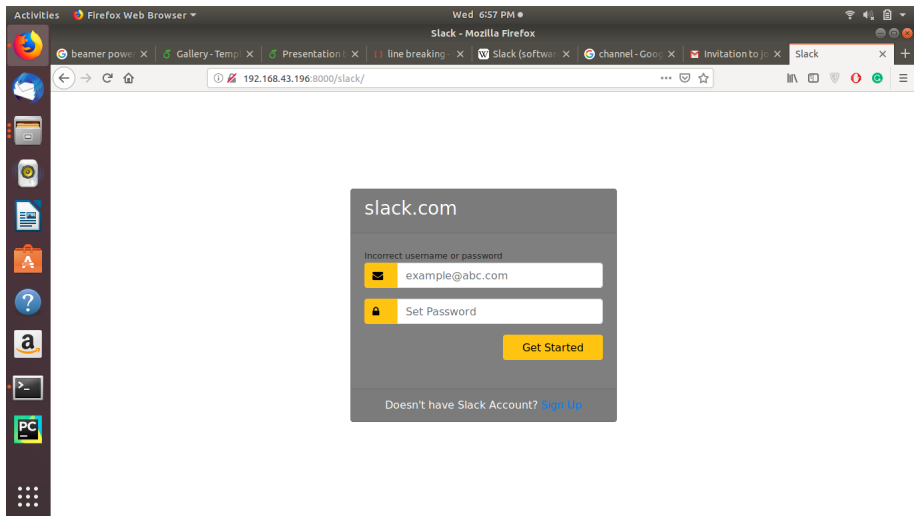
Users

[+ Add](#) [Change](#)

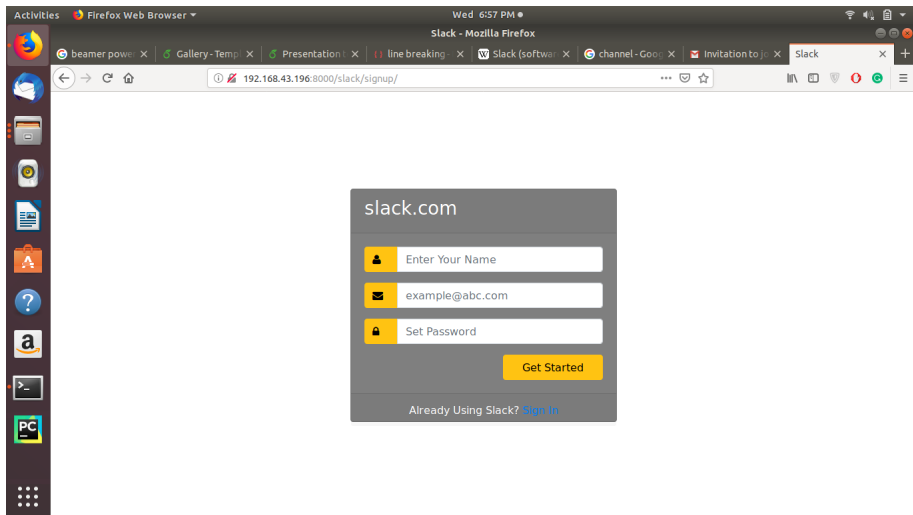
Work spaces

[+ Add](#) [Change](#)

User Login



User Sign Up



User Space

The screenshot displays a web browser window with multiple tabs open, including 'main/template', 'fa-delete icon', 'javascript - Re...', 'Tryit Editor v3.0', 'Slack', 'Select user to', 'Sending email', and 'New Tab'. The active tab is 'Slack', showing a chat interface for the channel '#nvm/general'. The chat history shows four messages: three from 'rohit' and one from 'Mohnish', each followed by a 'replies' button. The right sidebar shows 'Your Workspaces' with 'nvm' listed, and 'nvm Members' with a list of email addresses: 'rkj2096@gmail.com', 'lammohitagrawal@gmail.com', 'mksofficial@gmail.com', and 'mksofficial1@gmail.com'. The bottom of the screen shows a Windows taskbar with various application icons and system tray icons.

main/template x | G fa-delete icon x | javascript - Re... x | Tryit Editor v3.0 x | Slack x | Select user to x | Sending email x | New Tab x | + | [Icons]

Not secure | 192.168.43.196:8000/slack/nvm/general/ | [Icons]

http://127.0.0.1 | G TV Series download | gridster.js | Paper.js - Creating | Solution: 10814332 | android-udp-audio-c | Python Programmin | opencv/data/haarc

Slack

Channels | Members

#nvm/general

Mohnish

rohit made a post.
Nov 21 2018 06:42
sada sadsa
replies

rohit made a post.
Nov 21 2018 06:44
sadas sfd ffdg asdsdfs
replies

Mohnish made a post.
Nov 21 2018 07:52
sdfsafasdfsdfsaf
replies

Mohnish made a post.
message...

Your Workspaces

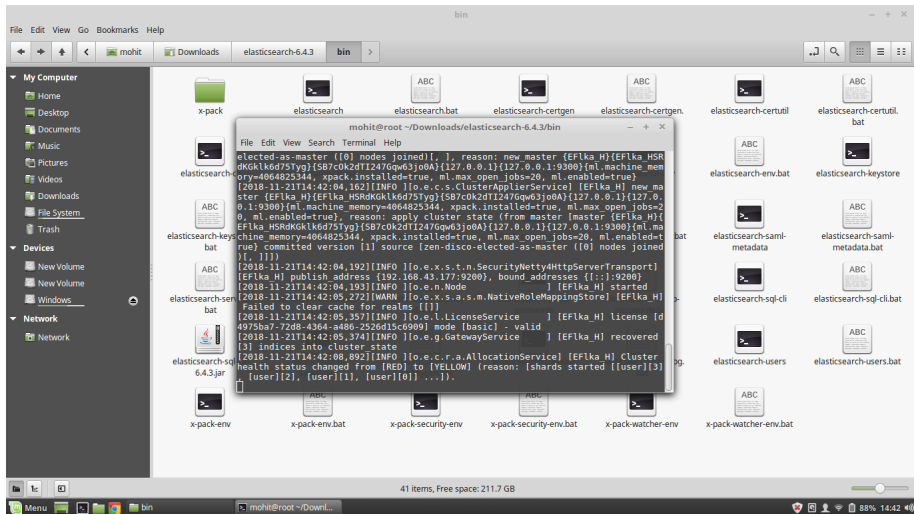
nvm

nvm Members

rkj2096@gmail.com
lammohitagrawal@gmail.com
mksofficial@gmail.com
mksofficial1@gmail.com

Menu | finalpa... | mohit@... | [mohit... | Slack | slack | [Home] | ~/codes... | [New T... | [Updat... | mohit@... | mail.py ... | 100% 13:42

Elasticsearch running database



Future Works

- Android Application
- Functionality for File Uploads
- Security

The End