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# AEROTHON 2021



## KONNEX - AI ASSISTANT

Konnex is Browser Extension based AI Assistant tool.

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## TEAM SLYTHERIN



GitHub: [link here](#)

Demo: [link here](#)

#atmanirbharbharat

### TEAM

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**KONNEX** is a Web Browser(Chrome, Firefox, etc) based Extension which is an overlay over all websites, which provides a visual environment for automating the workflow. It features multiple plugins which are fully customizable and controlled by the admin. It is multilingual.

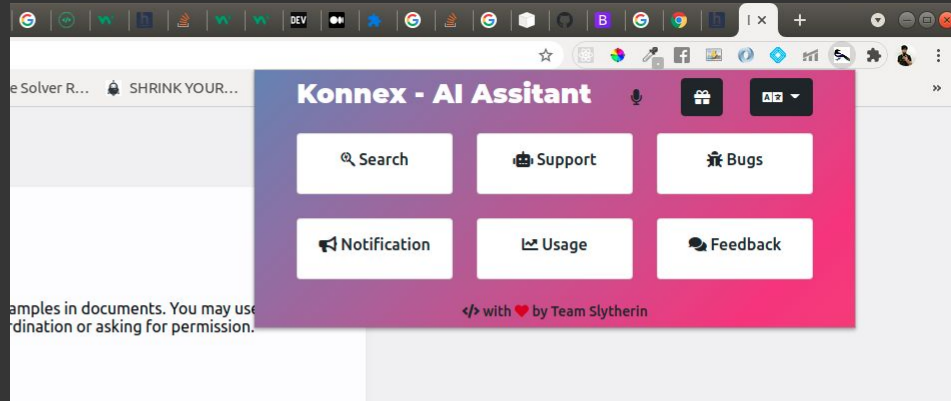
What more could we wish for, all the AI capabilities under the hood without any dependencies, just add it your browser extension.

**KONNEX** is voice enabled which makes it easier for differently abled people to work with.

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# WHAT DOES KONNEX DO?



**KONNEX** provides 8 built-in plugins which are ready to use. Every plugins has access to underlying AI.

How easy it is to find anything and get a quick summary to save our time!

The screenshot shows a Stack Overflow page titled "CSS to HTML linking bug". The page content includes a question about linking an external CSS file to an HTML file, a code snippet for the CSS, and a code snippet for the HTML. A Konnex AI Assistant overlay is present on the right side of the page, displaying a search bar and a summary of the question. The summary states: "I can't link external css file to html The HTML file is situated in folder 'header', css file header.css is also situated in this folder. Here's the css code: @charset 'UTF-8'; h1 { font-size: 24px; }". The assistant also provides a list of related questions and a "Hot Network Questions" section.

Stack Overflow

### CSS to HTML linking bug

Asked 9 years, 4 months ago · Active 9 years, 4 months ago · Viewed 1k times

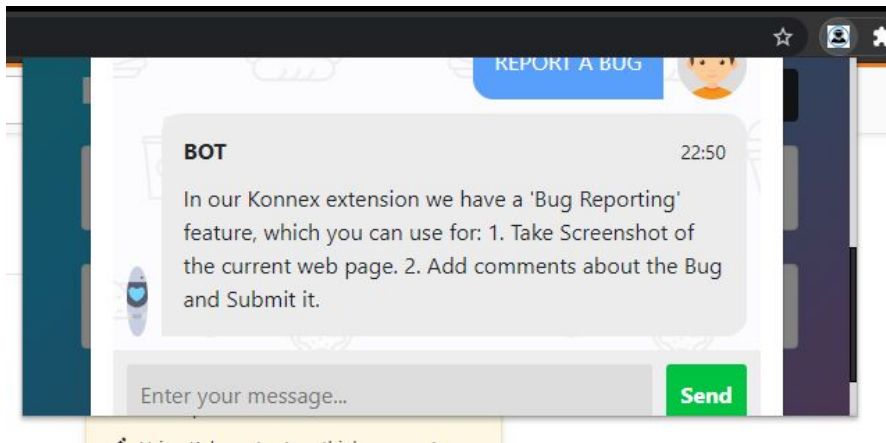
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# SEARCH SUMMARIZER

Having problem reading the summary,  
ask Konnex bot to read it for you

AI enabled chatbot\* which takes up your query.

Still not resolved? It gets you connected to an agent!



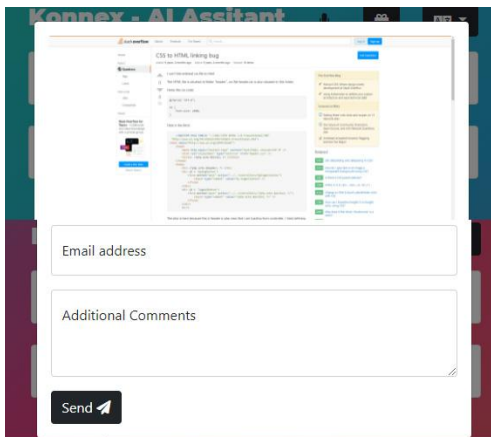
# KONNEX BOT

Enabling voice replies is also available!

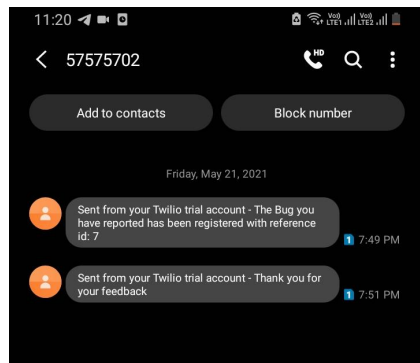
\*Chatbot keeps training itself with user's queries to make itself perform better

Encountered a Bug, worry not!

It takes just one click to take a Screenshot, add additional comments and send it to the admin.



The image shows a web browser window with a form titled "Report a Bug". The form includes a "Screenshot" section with a file upload button, an "Email address" input field, and an "Additional Comments" text area. A "Send" button is at the bottom left. The background of the browser window shows a code editor with a snippet of CSS code.

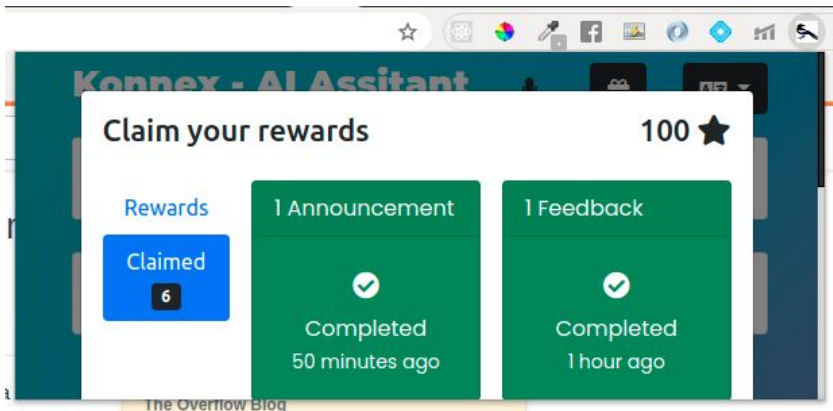
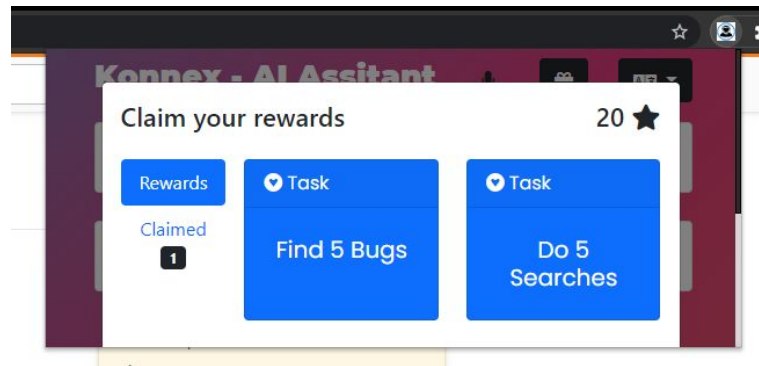


# BUGS REPORTING

You even get a confirmation SMS on your registered phone number with a ticket id!

**Enabling voice replies is also available!**

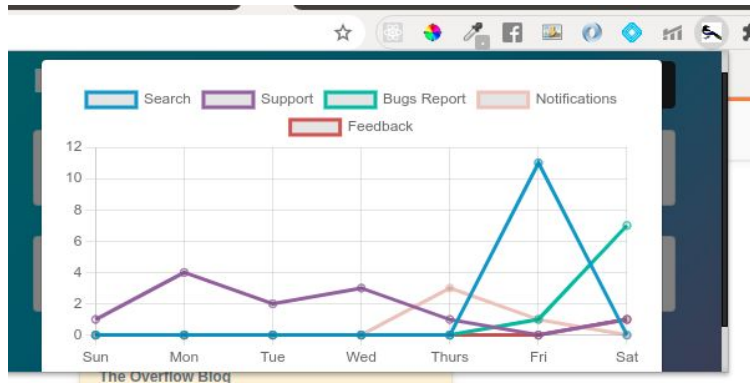
Complete tasks, win rewards, increase loyalty points!.



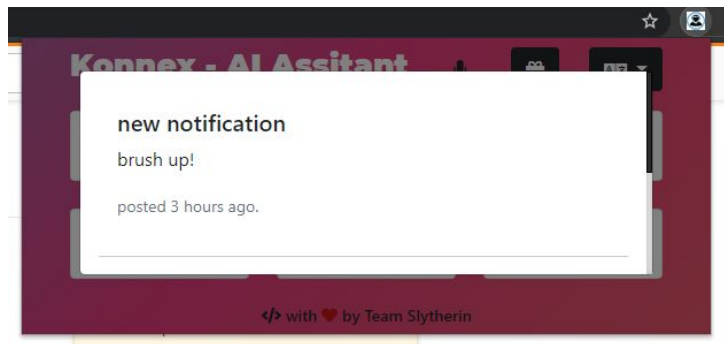
# GAMIFICATION - REWARDS



Keep a track of your in-app activities and histories



Get all recent and latest Announcements made ASAP!

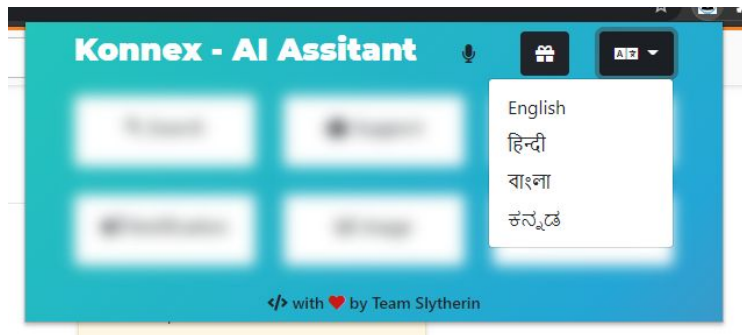


# USAGE

# NOTIFICATIONS

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We love languages and language should not be a barrier in using Konnex

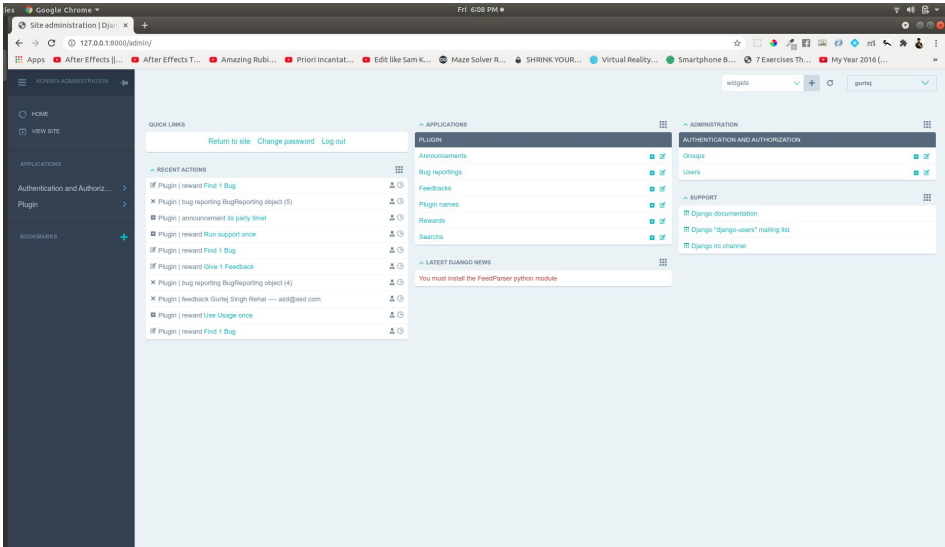


We'll keep on adding more languages!

# MULTILINGUAL

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# BACKEND



# KONNEX ADMINISTRATION

- Highly Customizable Plugins, Start/Stop whenever you like!
- Role based Admin hierarchy (Super Admin -> Admin -> Staff)
- Keep a record of all the activity on Konnex at your fingertip
- Have a track of all the users with high reward points.
- Push Announcements/Notifications enabled
- Check Bug Reportings and fix bugs earlier
- Automate the SMS for support ticket
- Add Reward task and points!
- Get an insight of feedbacks
- Super Admin keep tracks of all recent admin activities.
- Scalable

**KONNEX AI** is capable of understanding user queries through Natural Language Processing (NLP) and give intelligent answers to them.

It keeps training itself with new user's queries to improve performance.

This helps to improve overall user experience and reduce customer support cost.

# KONNEX AI MODEL

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# KONNEX V2

**KONNEX** upcoming feature will include **Celery Workers**, which would scale the application on a larger scale.

More power to Konnex AI.

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# SALIENT FEATURES



## FRONTEND SIDE

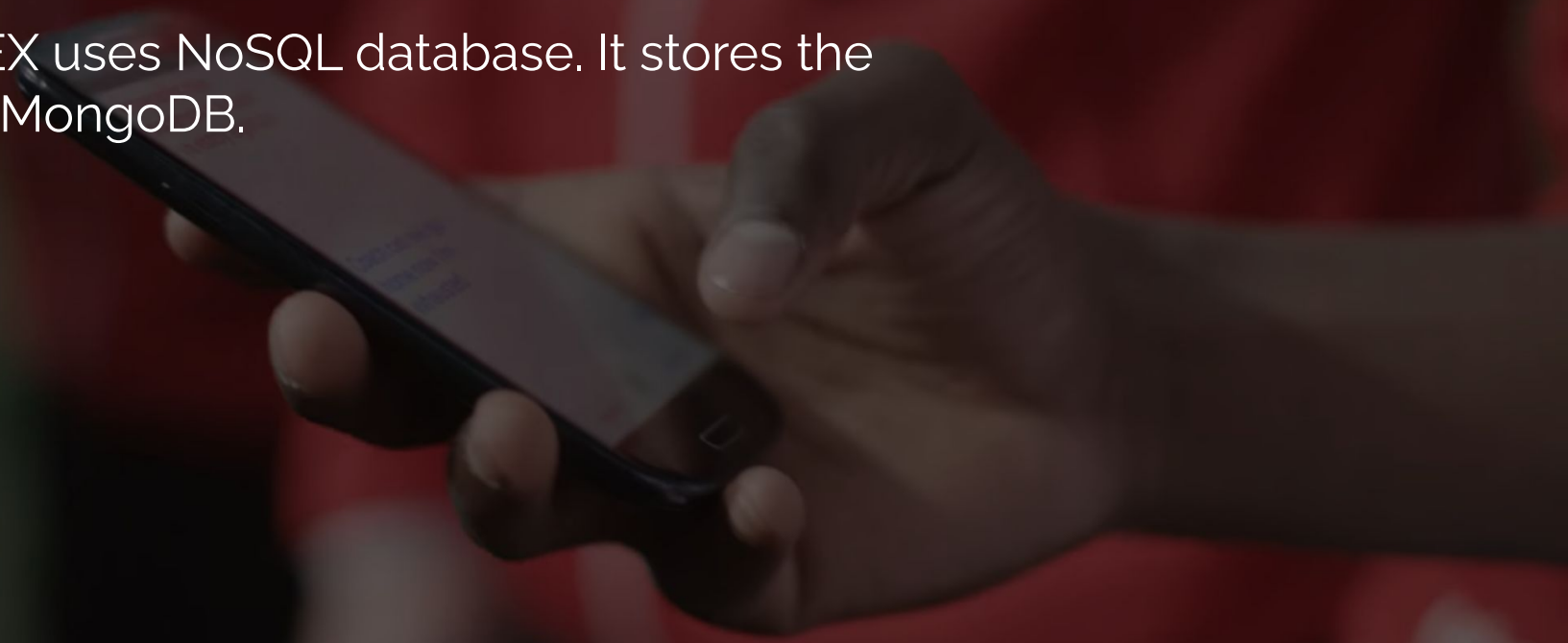
- Search - Find what you're looking for on the go!
- Summarize your page. (Have a quick small summary generated of your page!)
- Bug Reporting. (Get rewarded and help Konnex become better)
- Trends and Analytica
- Graphical Data
- 24/7 fully trained AI - Powered Chat Bot
- AI - Voice Enabled
- Announcements/Notifications on go!
- CSRF Protection
- Rewards for everything you do, claim your points!
- Multilingual - now use Konnex in your regional language!
- Feedbacks
- Stay updated with SMS enabled!

## BACKEND SIDE

- Highly Customizable Plugins, Start/Stop whenever you like!
- Role based Admin hierarchy (Super Admin -> Admin -> Staff)
- Keep a record of all the activity on Konnex at your fingertip
- Have a track of all the users with high reward points.
- Push Announcements/Notifications enabled
- Check Bug Reportings and fix bugs earlier
- Automate the SMS for support ticket
- Add Reward task and points!
- Get an insight of feedbacks
- Super Admin keep tracks of all recent admin activities.

# ONLINE DATA STORAGE

KONNEX uses NoSQL database. It stores the data in MongoDB.





# WHY KONNEX?

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## ➤ FAST & LIGHT

**KONNEX** is very fast. With all the AI enabled it still do not depends on heavy frameworks and libraries on the client side. Simply add it to your browser extension and you are good to go!

## ➤ ROBUST AND EFFICIENT

The features **KONNEX** provides are quick to perform and do not require in-depth technical knowledge. Still facing issues use the voice enable feature maybe.

## ➤ MULTILINGUAL

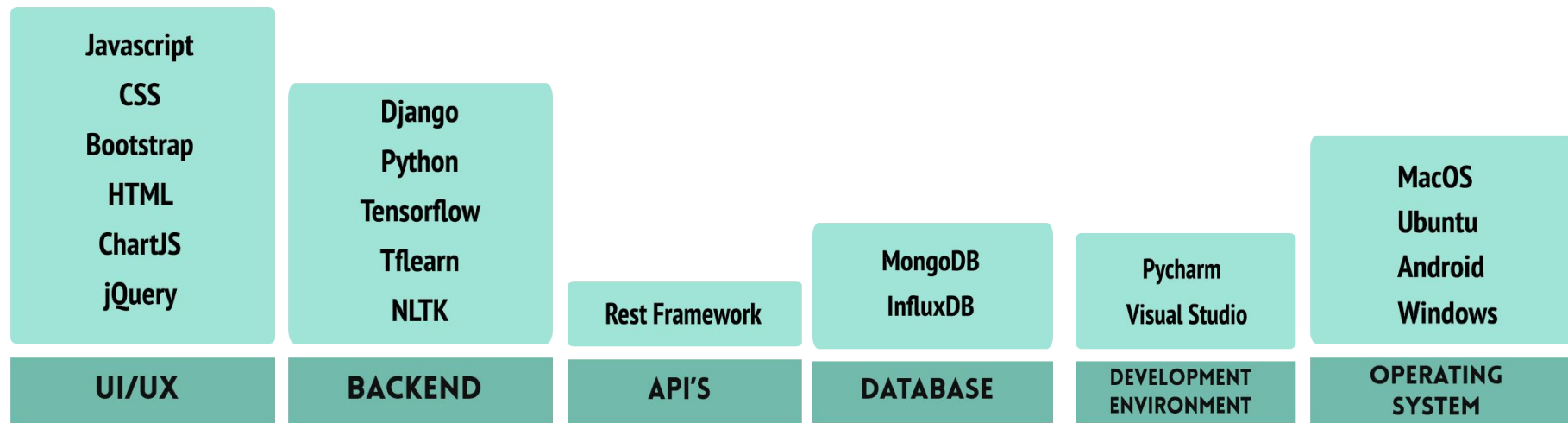
Facing issue reading a language, change it to your regional one!

## ➤ AI

**KONNEX AI** is capable of resolving all the queries. It even uses a reinforcement learning to learn from new unresolved queries.



# TECHNOLOGY STACK



Thank **you.**

**TEAM SLYTHERIN**