AEROTHON 2021

KONNEX - AI ASSISTANT

Konnex is Browser Extension based AI Assistant tool.

TEAM
SLYTHERIN

GitHub: link here

Demo: link here

#atmanirbharbharat

JALPAIGURI
GOVERNMENT ENGINEERING COLLEGE

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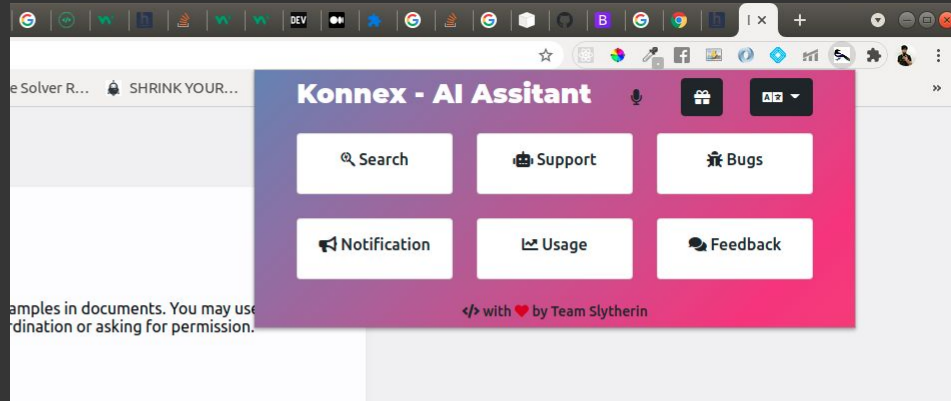
What more could we wish for, all the AI capabilities under the hood without any dependencies, just add it your browser extension.

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

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!

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!
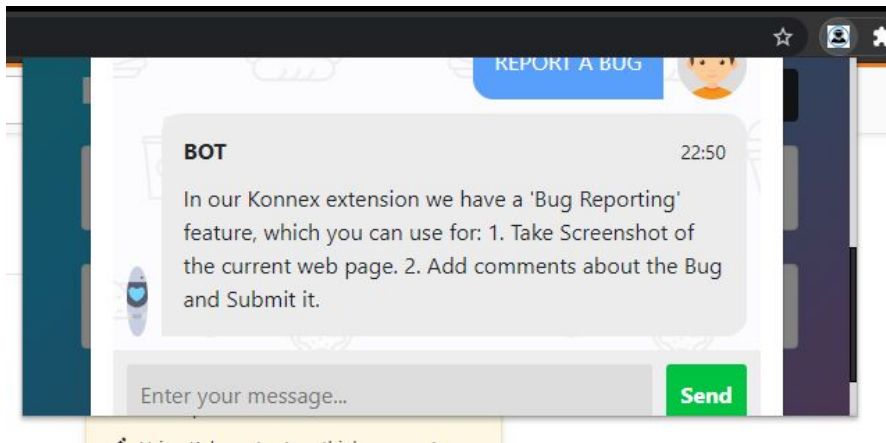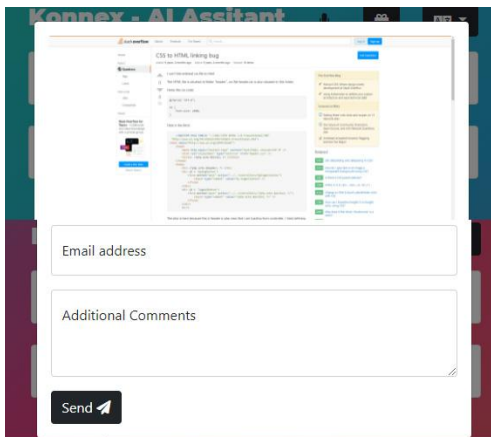
Enabling voice replies is also available!

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

KONNEX BOT

Encountered a Bug, worry not!

It takes just one click to take a Screenshot, add additional comments and send it to the admin.
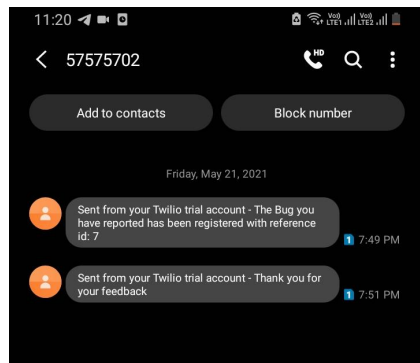
You even get a confirmation SMS on your registered phone number with a ticket id!

Enabling voice replies is also available!

BUGS REPORTING

Complete tasks, win rewards, increase loyalty points!.
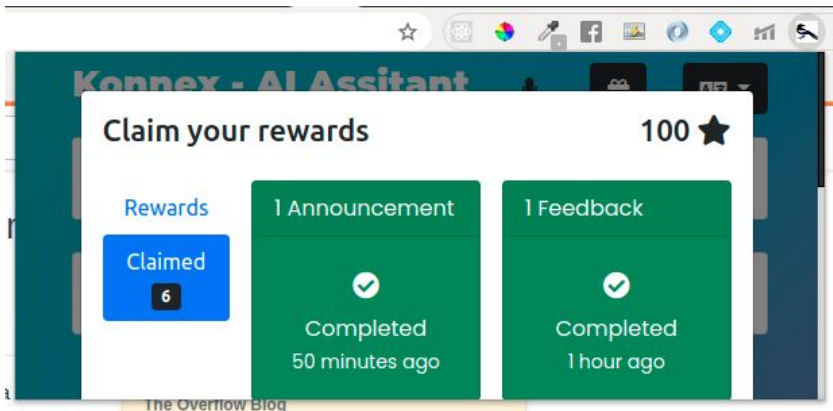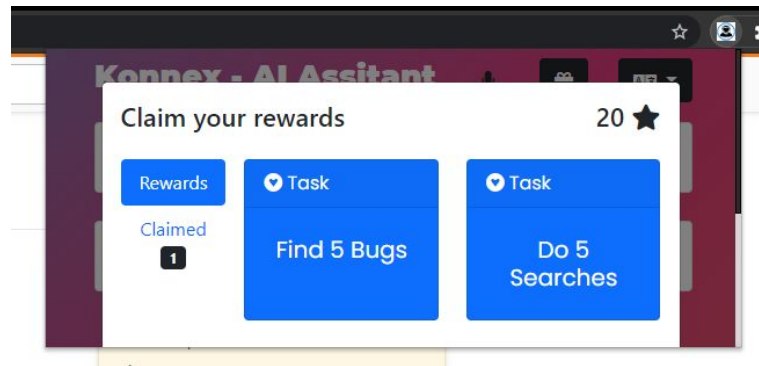
GAMIFICATION - REWARDS

Keep a track of your in-app activities and histories
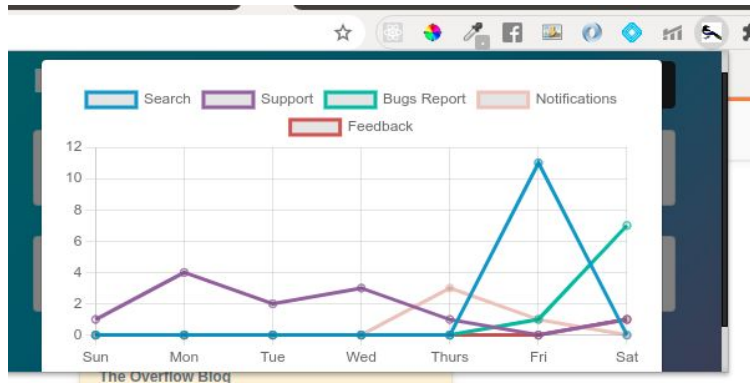
Get all recent and latest Announcements made ASAP!
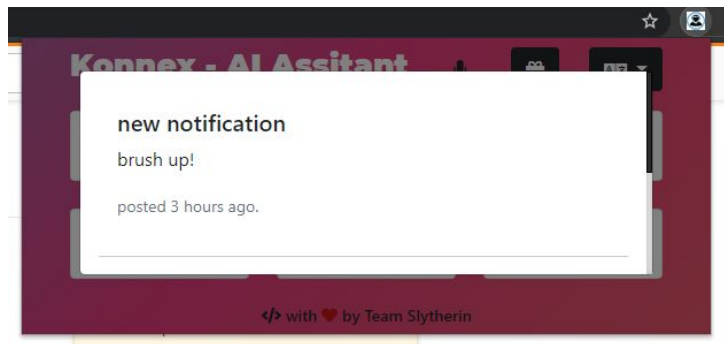
USAGE

NOTIFICATIONS

We love languages and language should not be a barrier in using Konnex
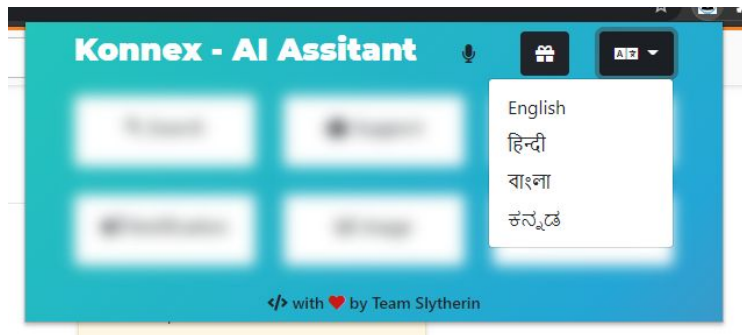
We'll keep on adding more languages!

MULTILINGUAL

BACKEND
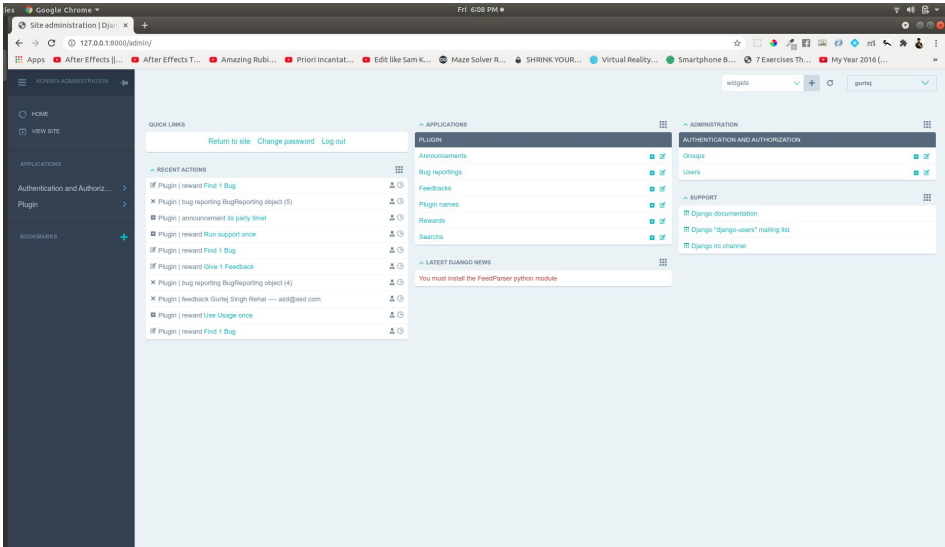
KONNEX ADMINISTRATION

- 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

KONNEX V2

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

More power to Konnex AI.

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 eveything 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.
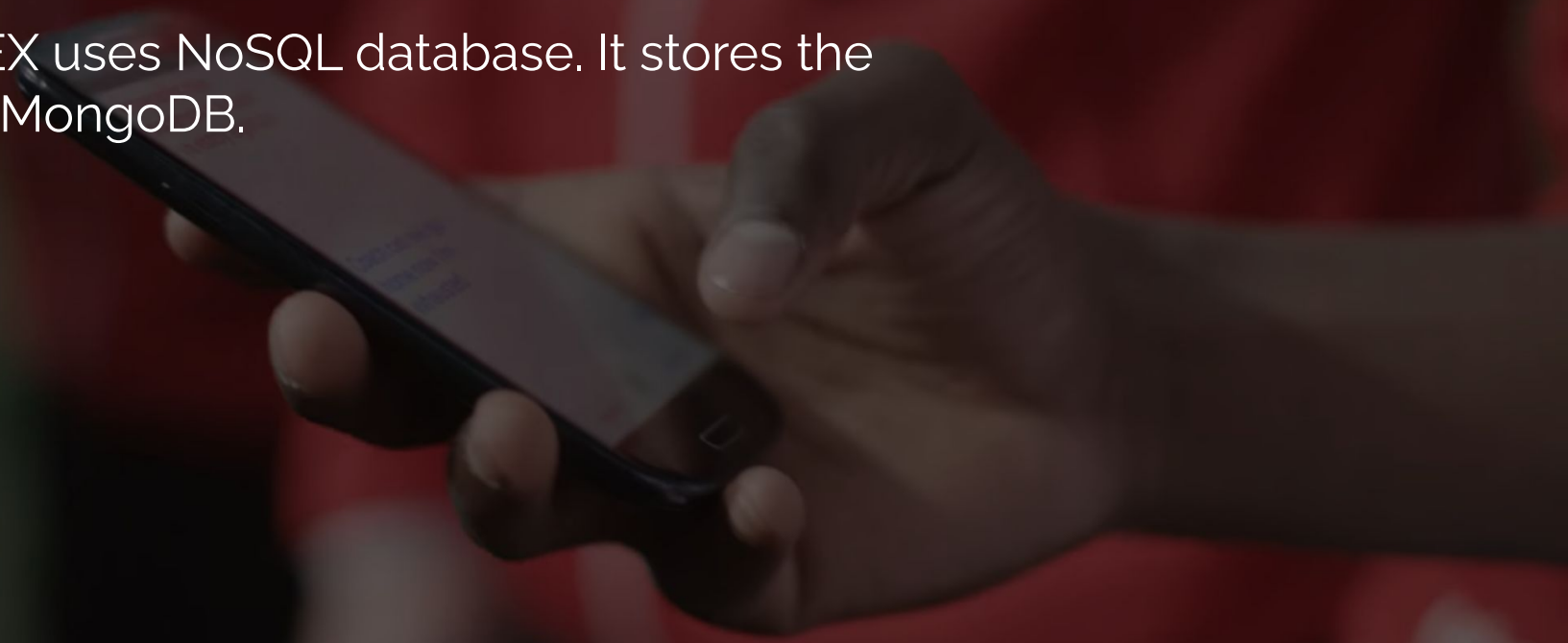
WHY KONNEX?

➢ **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.
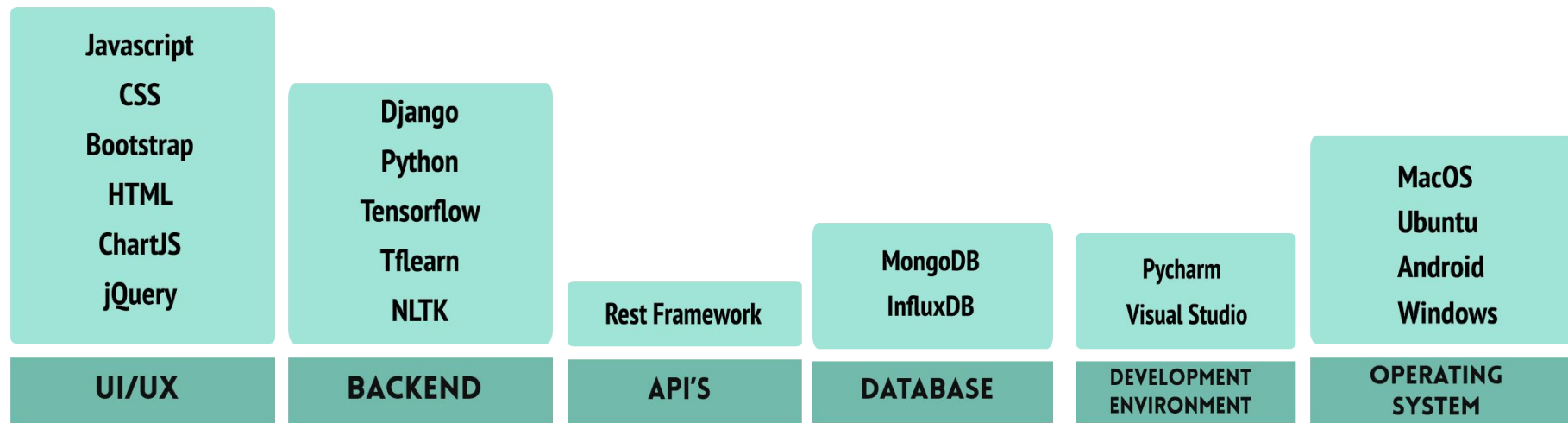
➢ **MULTILINGUAL**

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

Javascript CSS Bootstrap HTML ChartJS jQuery	Django Python Tensorflow Tflearn NLTK	Rest Framework	MongoDB InfluxDB	Pycharm Visual Studio	MacOS Ubuntu Android Windows
UI/UX	**BACKEND**	**API'S**	**DATABASE**	**DEVELOPMENT ENVIRONMENT**	**OPERATING SYSTEM**

Thank you.

TEAM SLYTHERIN