Computer Science
Senior Design Laboratory
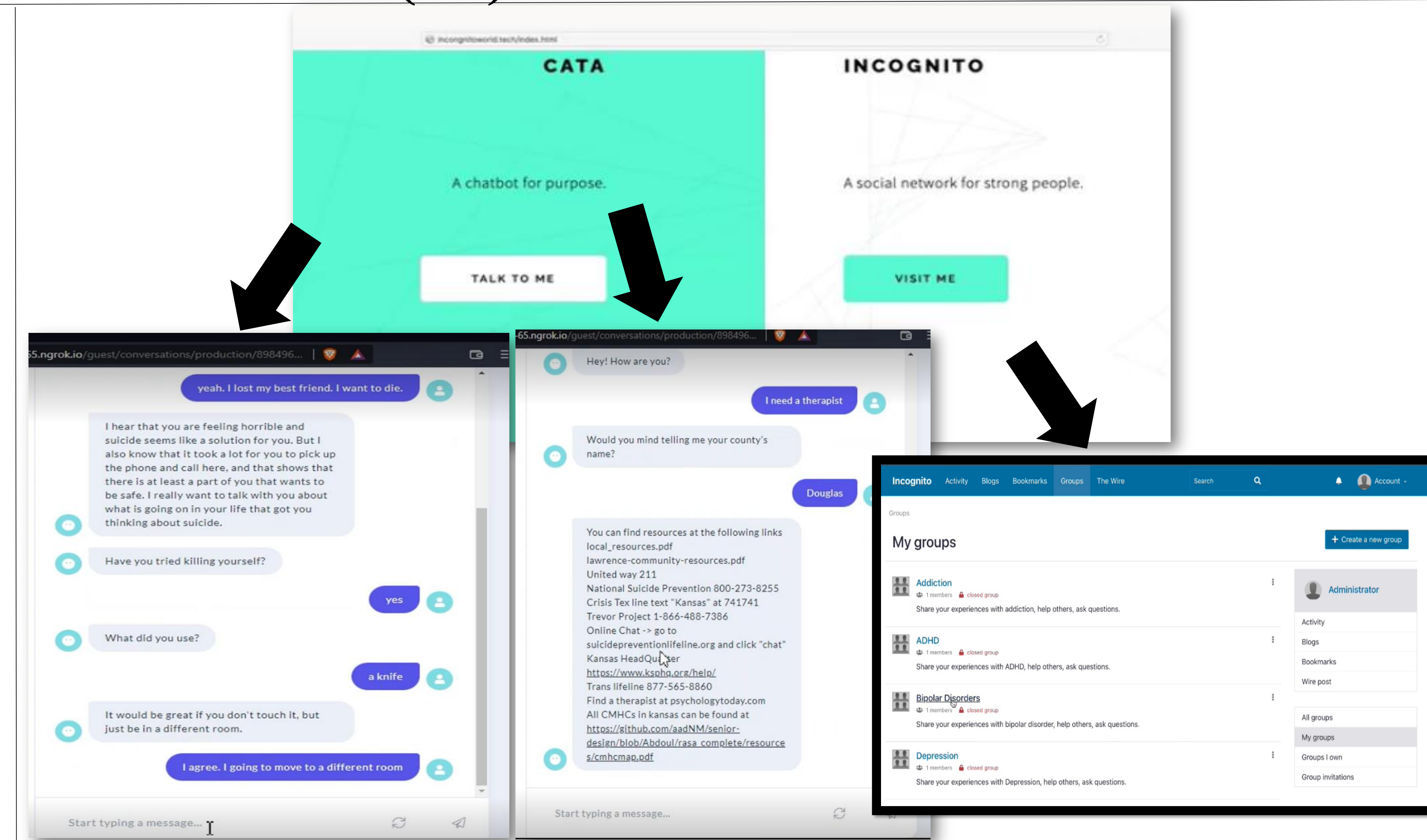
University of Kansas   KU

Incognito (Team 27)

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Description & Purpose

- A web app containing an AI chatbot (CATA) and a social network (Incognito) that provides supplementary resources for people living with a mental illness.
- This project serves to bring attention to positive ways technology can be used in the domain of mental health.
- CATA can be used as a training resource for counselors.
- Incognito is an anonymous environment for all.
- People may feel more comfortable expressing emotions knowing the AI chat bot is not human
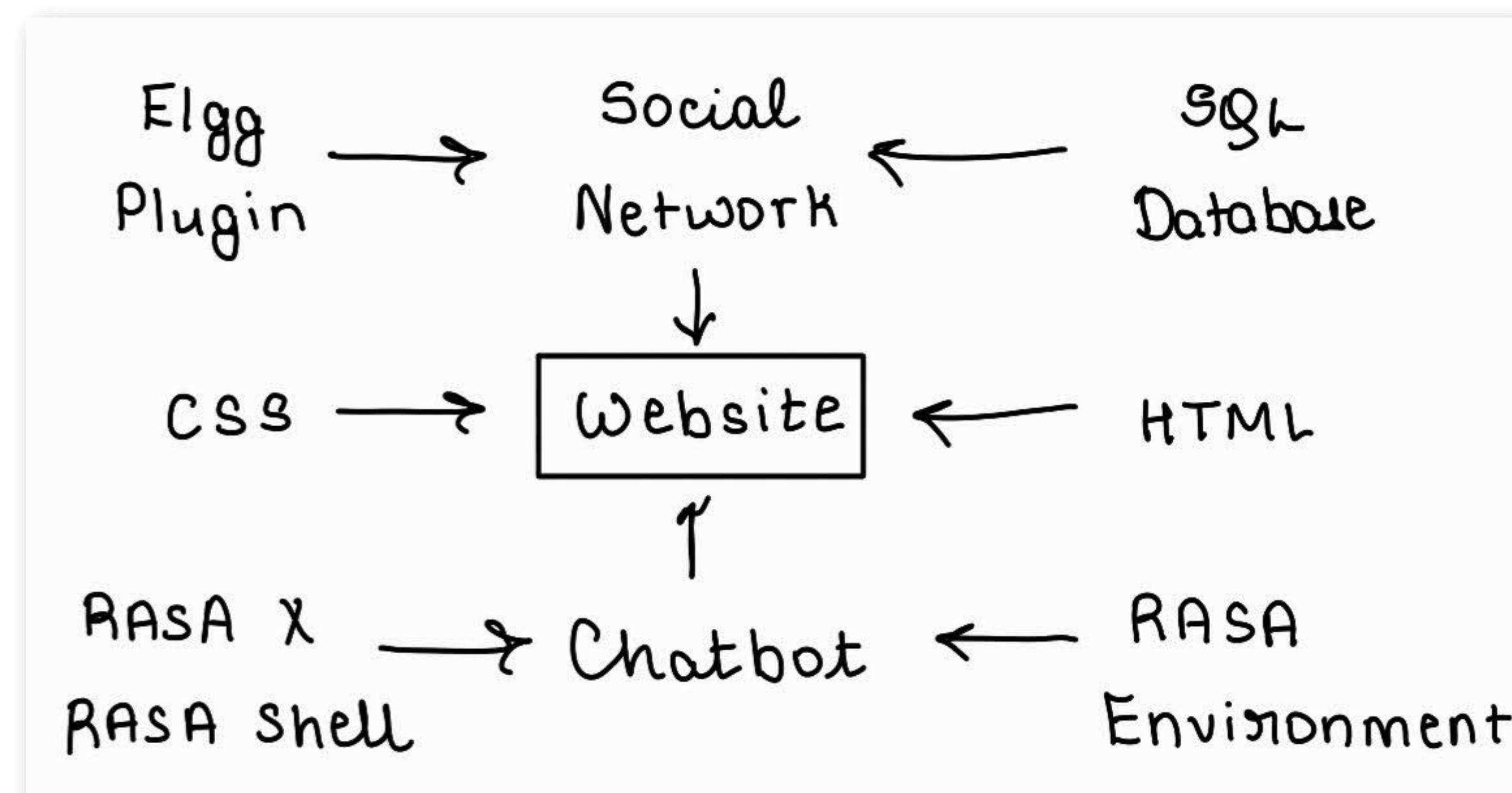

Design

Web-App Concept Design

The chatbot was designed with a complex flow chart used to train volunteers at KSPHQ. We also used sample conversations so that it followed a similar pattern to humans providing the same services.

Ethical & Intellectual Property Issues

- Since the AI chat bot will be interacting with people in one of the most vulnerable moments of their lives, it will go through rigorous evaluations and testing before being launched. All testing and training data from the N.L.U. is re-evaluated with human analysis to reduce errors, such as inappropriate responses

- If we were to ever monetize our social network, we would need to acquire permission or rights to the open-source code from Elgg.