



Process turn:

This component will receive input from the user as a sentence. It will then check the sentence for any triggers.

Infer emotion:

Data passed to this component will be mapped to different weights for each emotion

Adjust diagnosis:

From here the levels of emotions will be analyzed and using information in the database a disorder will be chosen that is a closest match.

Store results:

Results will be stored in the database for further analysis

Generate response:

Given the most likely disorder and current emotional state of the patient, a response will be formulated and sent to the user.

Generate report:

This component will use data gathered from every conversation to provide a statistical analysis of emotions, disorders, and triggers.

Update display:

Once symptoms have been inferred and a diagnosis has been estimated the GUI will be updated to show any new symptoms, and any change in diagnosis.