# Goals:

### Parsing:

* Fetch Page from URL
  + allrecipes.com
  + (optional) other websites
* Parse Recipe Data
  + Ingredient name (YASH)
  + Quantity (SORIE)
  + Measurement (cup, teaspoon, pinch, etc.) (STEPHEN)
  + (optional) Descriptor (e.g. fresh, extra-virgin)
  + (optional) Preparation (e.g. finely chopped)
* Find Needed Tools
* Find Methods
  + Primary Cooking Method
  + (optional) Alternative Cooking Methods
* Get Steps

### Question Answering [Conversational User Interface]:

* 6 Types of Questions
  + Recipe retrieval and display
  + Navigation utterances
  + Asking about current step parameters
  + Simple “what is” questions (return Google or YouTube URL)
  + Specific “how to” questions (return Google or YouTube URL)
  + Vague “how to” questions (return Google or YouTube URL)

### Deliverables

* Github Repo
* Demo Video

### Extra Credit

* Interface with Rasa [Medium difficulty]
* Connect to Facebook Messenger or Slack [Medium/Hard difficulty]
* Connect to Google Assistant or Amazon Alexa [Hard difficulty]