

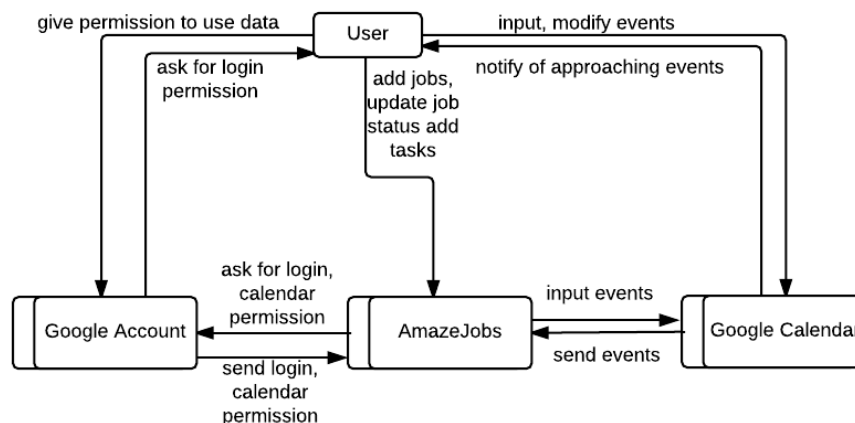
**Motivation:**

AmazeJobs is an online application designed to help users keep track of their job search by keeping track of job application statuses, important due dates for applications and a task list. The user must input the data from the different applications, and AmazeJobs will aggregate it, and display it in an organized and user friendly interface.

The purposes of AmazeJobs are in order of most important first:

- **Organize the process of searching for a job, especially if you apply to a large number of places.** In particular, AmazeJobs will gather the status of each job application in a single, easy-to-use interface to make it easier to determine which applications need further work, and what stage of applying you are in with each application.
- **Keep track of and remind the user of important events and deadlines:** For example, we would like to help the user schedule interview times/dates and remember when applications have due dates. By integrating with Google Calendar, AmazeJobs will make it easier for people to schedule times for interviews between other activities.

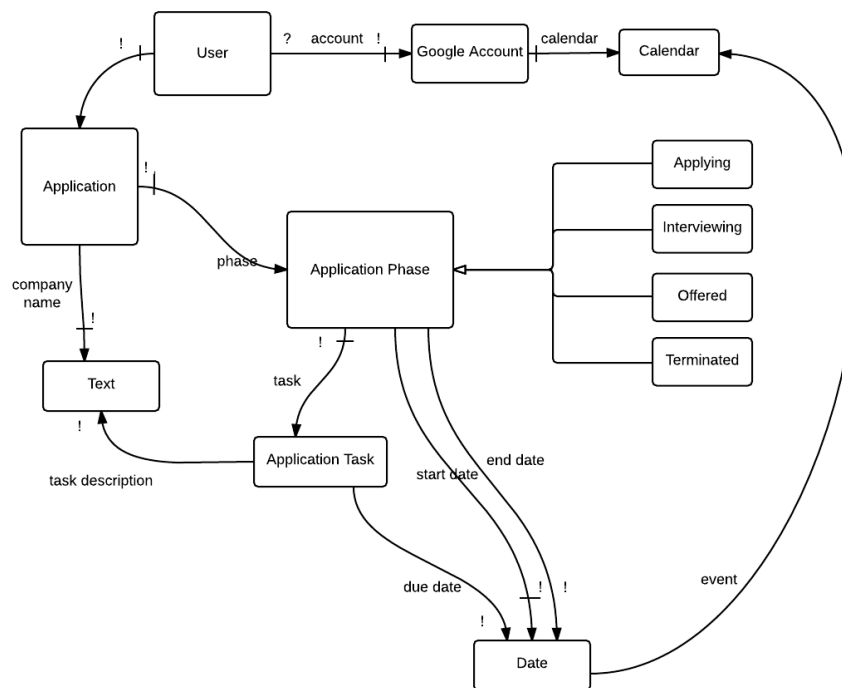
**Context Diagram:**



**Concepts:**

1. Application: An application to a job - must have a company name associated with it. Can contain a link to online applications that must be submitted, specific job position and/or job description. Each application is in one of four phases (Applying, Interviewing, Offered, Terminated)
2. Application Phase – must have a start date, can have an end date, and tasks associated with it. It doesn't necessarily need an end date if it is the current phase. Only needs an end date when you finish a phase.
  - a. Applying – When you first begin an application to a company, either via an online form or resume drop or any other method.
  - b. Interviewing – When a company offers you an interview, your phase of Applying ends and Interviewing begins
  - c. Offered – When the company gives you a job offer
  - d. Terminated – Can occur after any stage, either via voluntary withdrawal or via company rejection. Has start date = end date.
3. Calendar:
  - a. A way to view and track dates/times of events/deadlines
  - b. Reminds user of events/deadlines

**Data Model:**



**Design Challenges:**

How to represent progress in an application?

Options:

Have user defined phase indicators

Have predefined phases

Decision:

We decided to use predefined phases, since each job application goes through a similar process anyways, and we would allow tasks under each phase so that a user could have more specific progress goals in that manner. Also, having predefined phases makes it easier to display progress consistently across different job applications.

How to easily integrate a calendar with the application?

Options:

Use Google accounts and Google Calendar

Create our own authorization and calendar system

Decision:

If we used Google accounts and somebody didn't have a Google account, they would be unable to use our service. But creating our own authorization and calendar system just to provide service to the smaller fraction of potential users without Google accounts seemed excessive, so we will be using Google's APIs and services to implement calendars.

How to handle the user moving our calendar events outside of our application?

Options:

1. Make a dummy Google account to contain the modifiable events and share locked versions with the user. This will force the user to use our app to modify the dates, so that we can maintain the correct information.

2. Have any event/task that has a date associated with it pull from the user's calendar

Decision:

TBD in next phase