

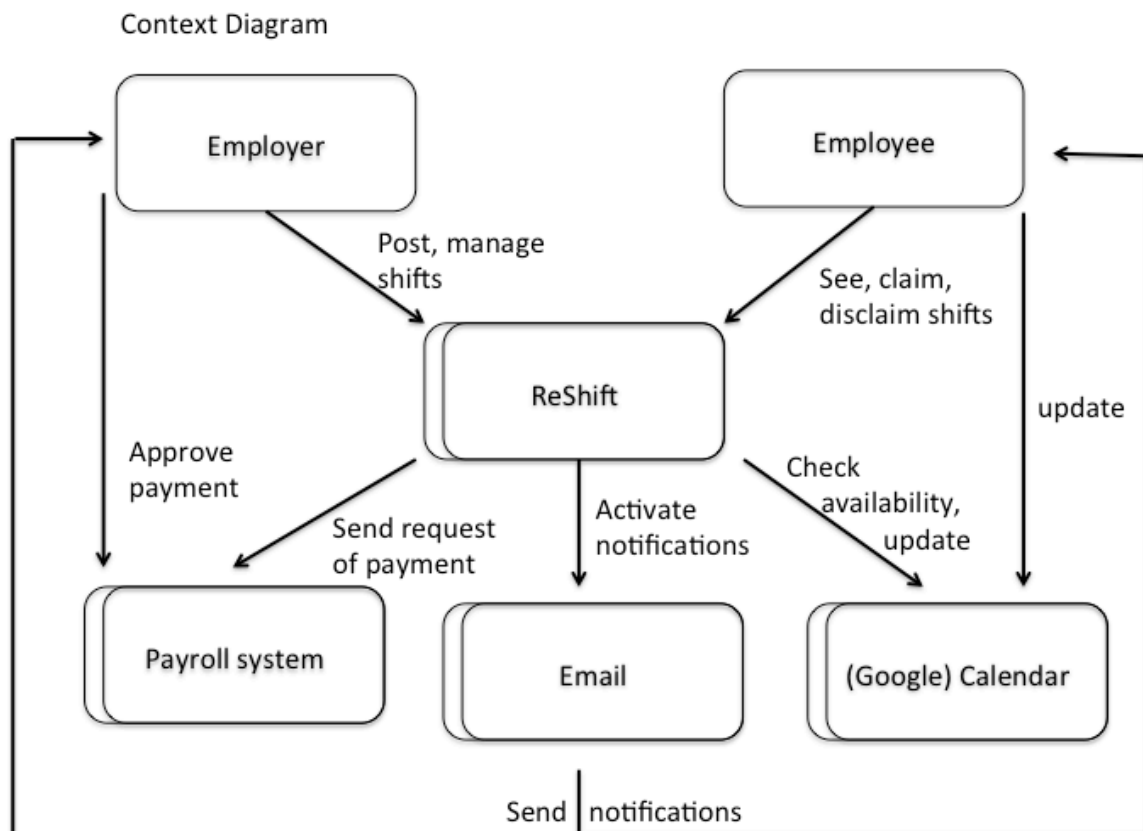
Purposes

- Ease the administration's job for posting and managing shifts
- Enable reminders for shifts that a user has signed up for/ notifications of coming non-claimed shifts
- Facilitate organization and updates of a pool of employees for a first come-first serve, shifts-based job
- Ease individual's time administration and payroll processes when working on a shift-based job

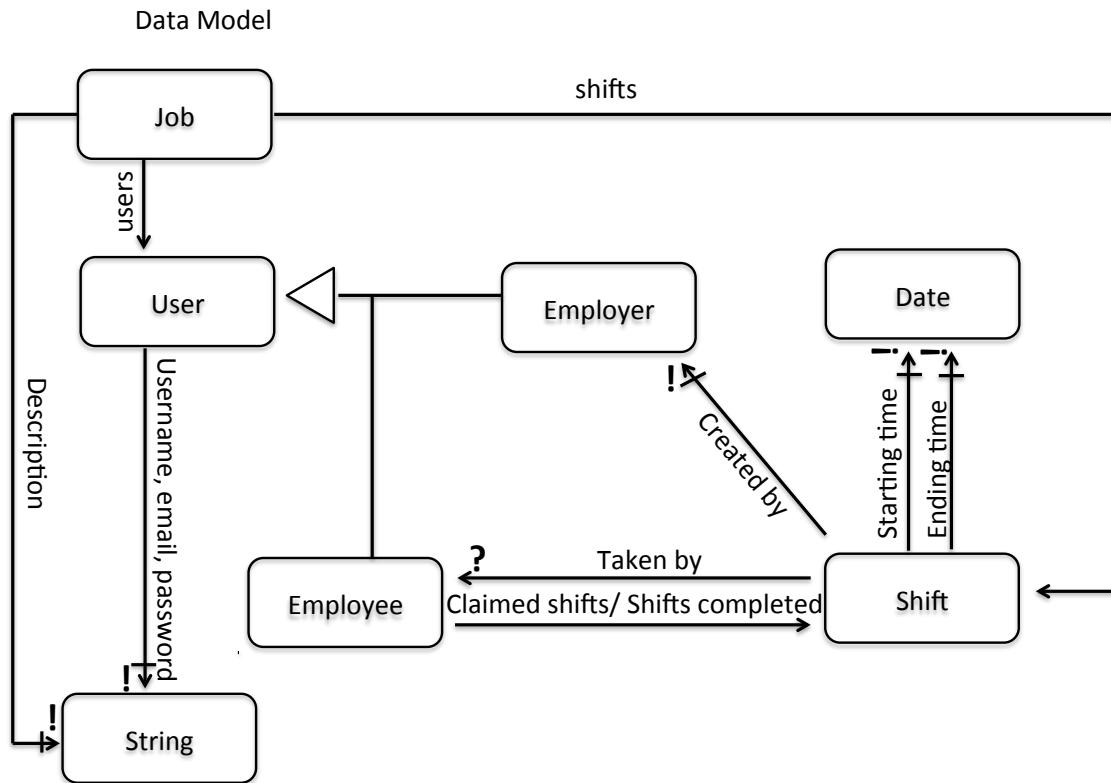
Concepts

- Personal accounts (employer/employee) – organization of both the people posting the available shifts and people claiming them; tracking of individual worked hours
- Email notifications – reminders for employees and notification of non-claimed shifts
- Job – Forum with a set of users and shifts to be claimed with real time updates
- Calendar – individual's time administration

Context



Data Model



Design challenges

- How to deal with claimed shifts
 - Options:
 - Subclass of shift
 - Attribute of shift
 - Chosen:
 - Attribute – other than it being claimed, there is no difference to any other shift so a new subclass is not necessary
- Sub setting of users
 - Options
 - Employers can also be employees
 - Employers and employees are exclusive sets
 - Chosen
 - Exclusive sets: facilitates the rights of a user in terms of creating/claiming/disclaiming/approving shifts and payments