

Team Dub-Design Doc

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Introduction:

We will be designing a dating site for our project. Users will be allowed to make a profile and take a survey to determine their interests and preferences. Users are then given a list of other users who fulfill the user's preferences. A user is then given the option to message and individual. Moreover, our project will provide users with a list of events and places near both users such that a user is able to invite another user to an event on a specific time and date.

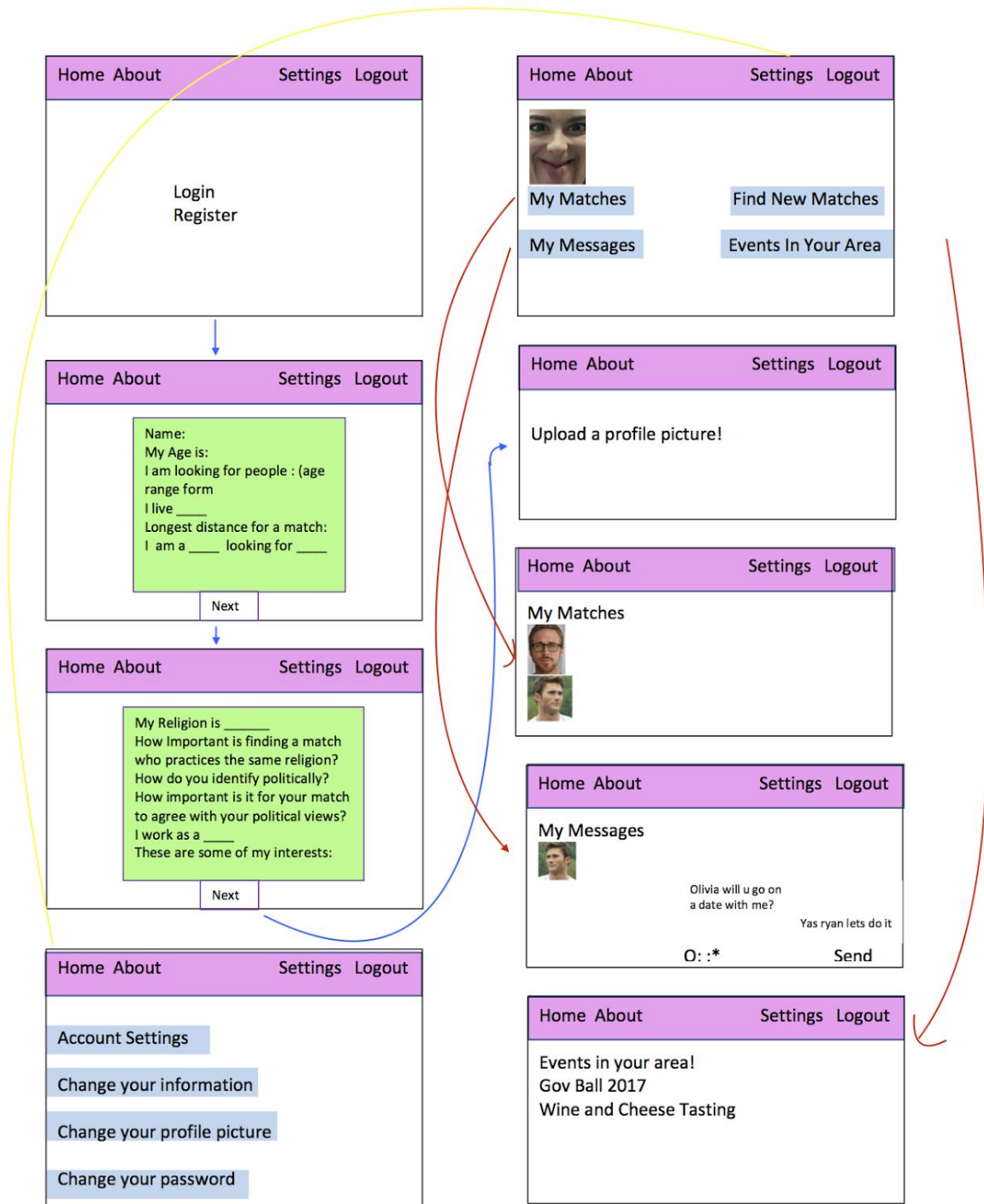
Task Delegation:

Stiven Peter: Project Manager, Account.py
Olivia Gallager: Front-End, Matching Algorithm
Shariar Kabir: APIs, Account.py
Lorenz Vargas: Database designer, Message.py

Front End:

- Parent.html template
- Login/Register page
- Create an account pages
 - Questionnaire pages (have 2)
 - Upload a Profile Picture
- Homepage
 - Contains links to events, matches, and messages
- My matches page
 - Uses database data
- Events in your area page
 - Uses API data
- My Messages Page
 - Uses JS, database data
- Account Settings

Site Map:

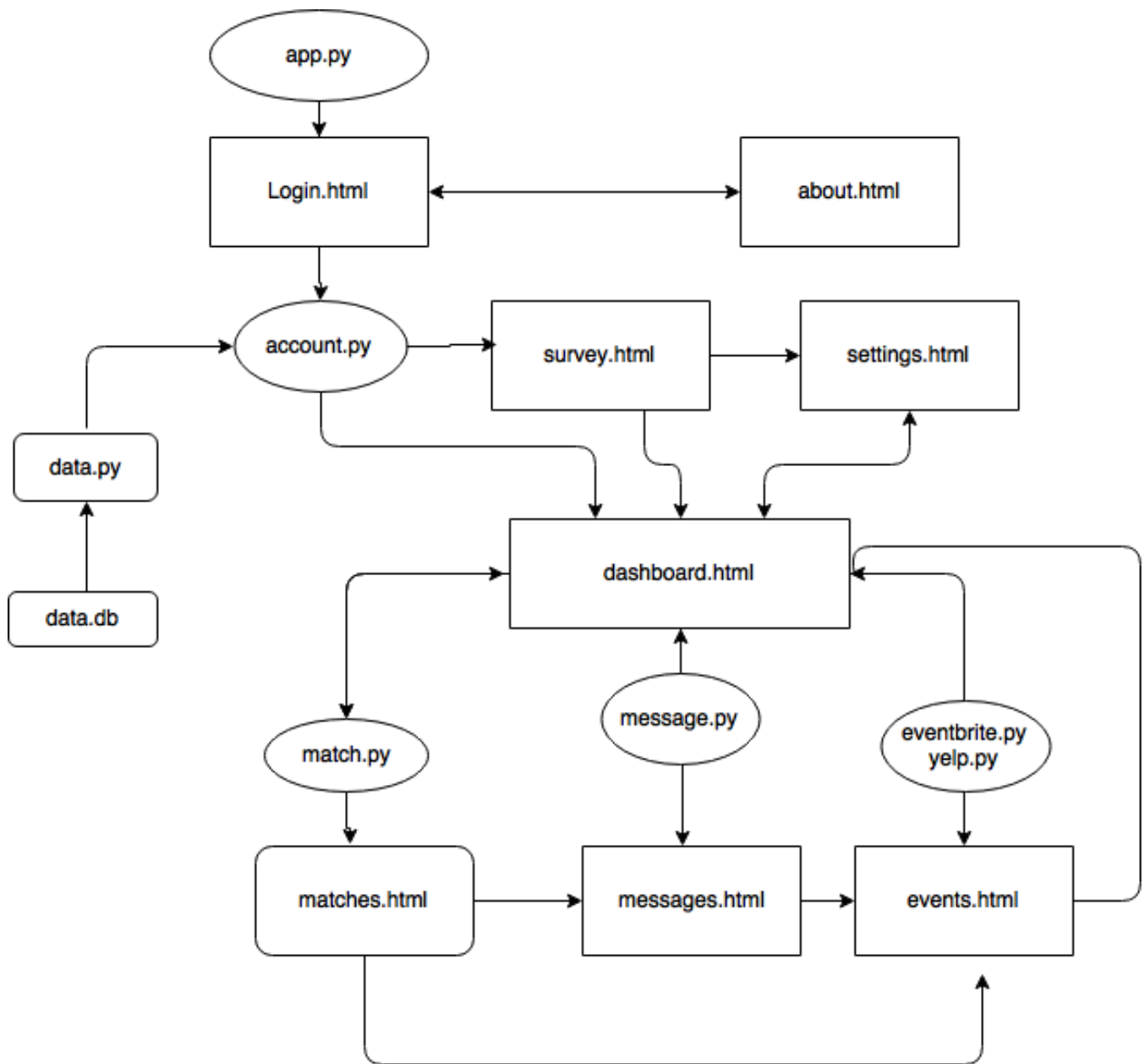


Back End:

Components

- App.py
- Utils
 - Eventbrite.py: Find local events for your matches
 - Yelp.py: Find local events for your matches
 - Match.py: matching algorithm
 - Account.py: will take care of most account information functions, survey as well
 - Data.db: stores user info, messages
 - Data.py: handles storing info in data.db
 - Message.py: Handles sending messages between users
- Template
 - Basic.html: default html - extends
 - Login.html: login/registration
 - Dashboard.html: profile/home page
 - Settings.html: change profile settings
 - Matches.html: our partner matching algorithm
 - Events.html: uses yelp and/or eventbrite to find local events
 - Messages.html: messaging between matches
 - Survey.html: info to help us find you a match!
 - About.html: about Page
- Static
 - Foundation
 - Css
 - JsFiles:

Component Map:



Database Schema:

1. User table
 - a. This would contain username, real name, gender, age, profile picture, hashed password, and primary key (called user ID)
2. Pref table
 - a. Racial, religious, gender, misc. preferences
3. Messages table
 - a. Recipient user id, receiver user id, timestamp, message
4. Events table
 - a. Event, time, persons involved, etc.

API's:

Eventbrite: <https://www.eventbrite.com/developer/v3/>

Yelp: <https://www.yelp.com/developers/documentation/v2/overview>

Working Timeline:

January 6th-9th:

Stiven: Draft of yelp/eventbrite.py

Shariar: Draft of yelp/eventbrite.py

Olivia: Template, login.html, about.html, settings.html, survey.html

Lorenz: Draft of data.py

January 9th-11th:

Stiven: Draft of account.py

Shariar: Draft of account.py

Olivia: dashboard.html, matches.html, matches.py

Lorenz: messages.py

January 11th-14th:

Final version of files complete.