

Babysitter network



Mission: Finding a good babysitter for our kids

Current solution:

Joining whatsapp groups with parent and babysitters

However, this is extremely not optimal:

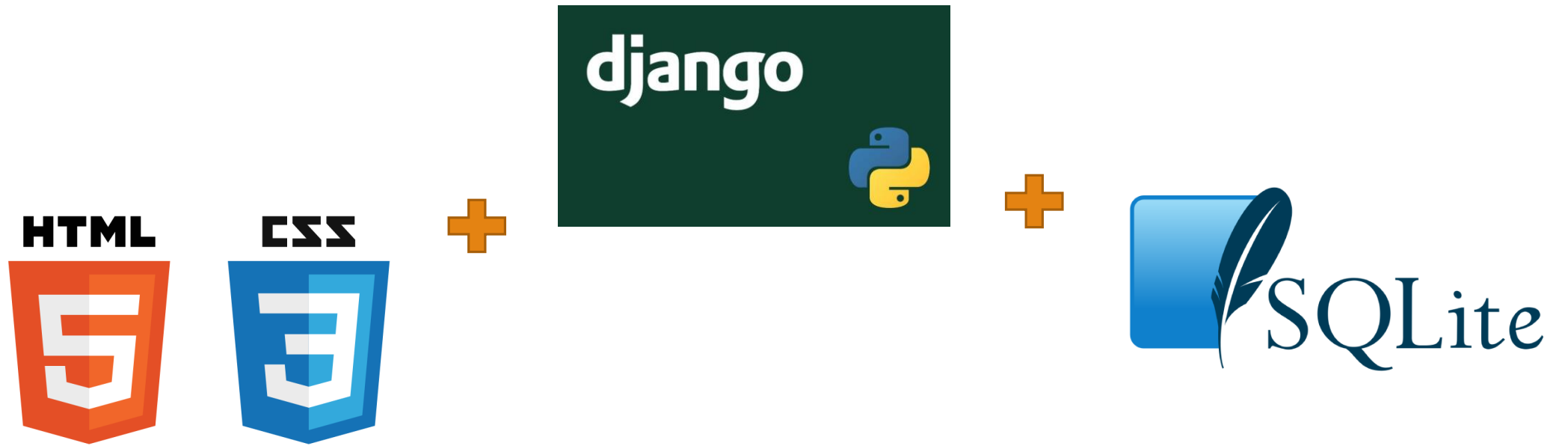
- ❖ Babysitters and parents are constantly getting non-relevant notifications from other parents / babysitter
- ❖ Babysitter replies are often not relevant (for example, too young babysitters).
- ❖ Reply from unfamiliar babysitters.
- ❖ Limited number of users in one whatsapp group.

My solution:

Babysitter network

- ❖ Each parent is connected to a group of babysitters he is familiar with.
- ❖ Each user have a profile page, so parents can see the details of the babysitters and vice versa.
- ❖ Users can add or remove connections.
- ❖ When parent wants to find one, he can send a message to the babysitters based on specific filtering: gender and years of experience

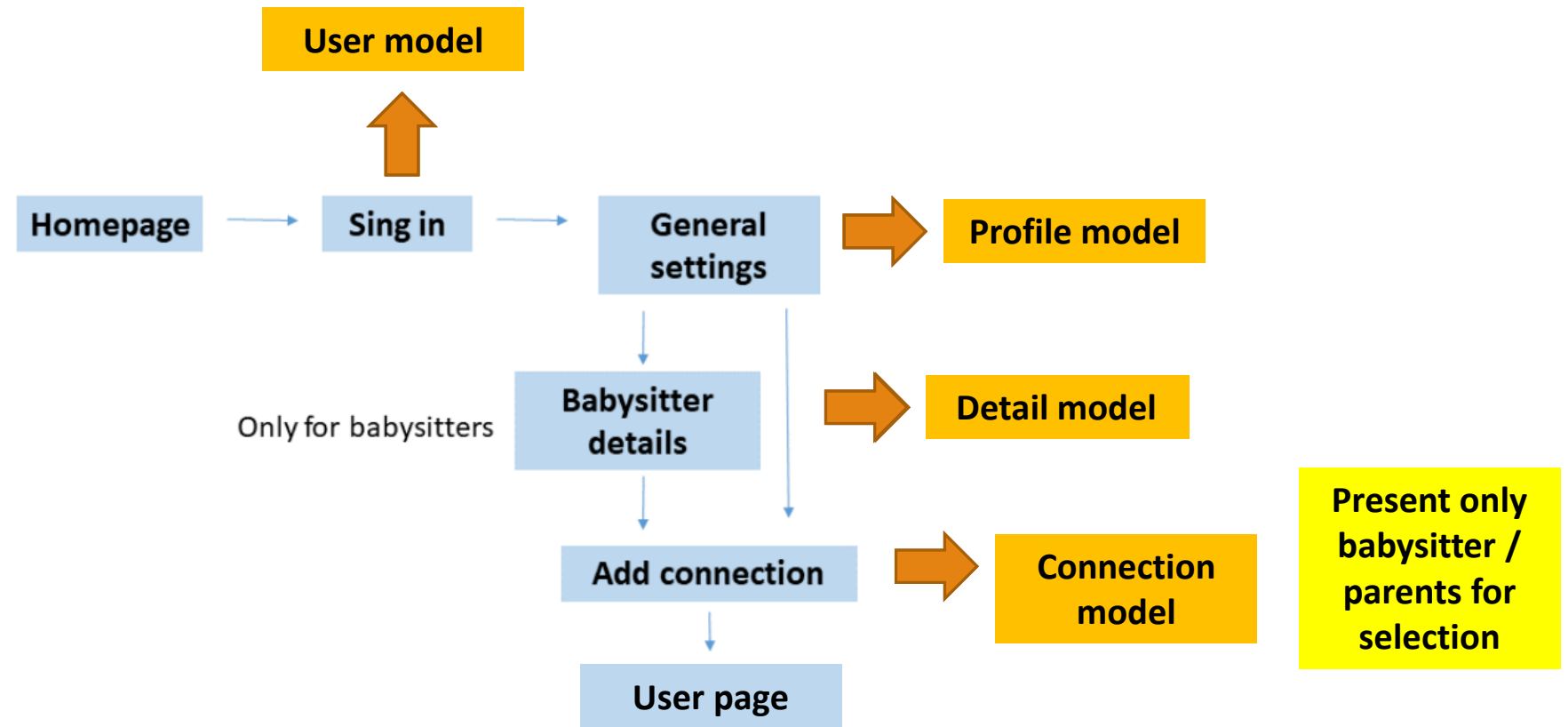
Software architecture



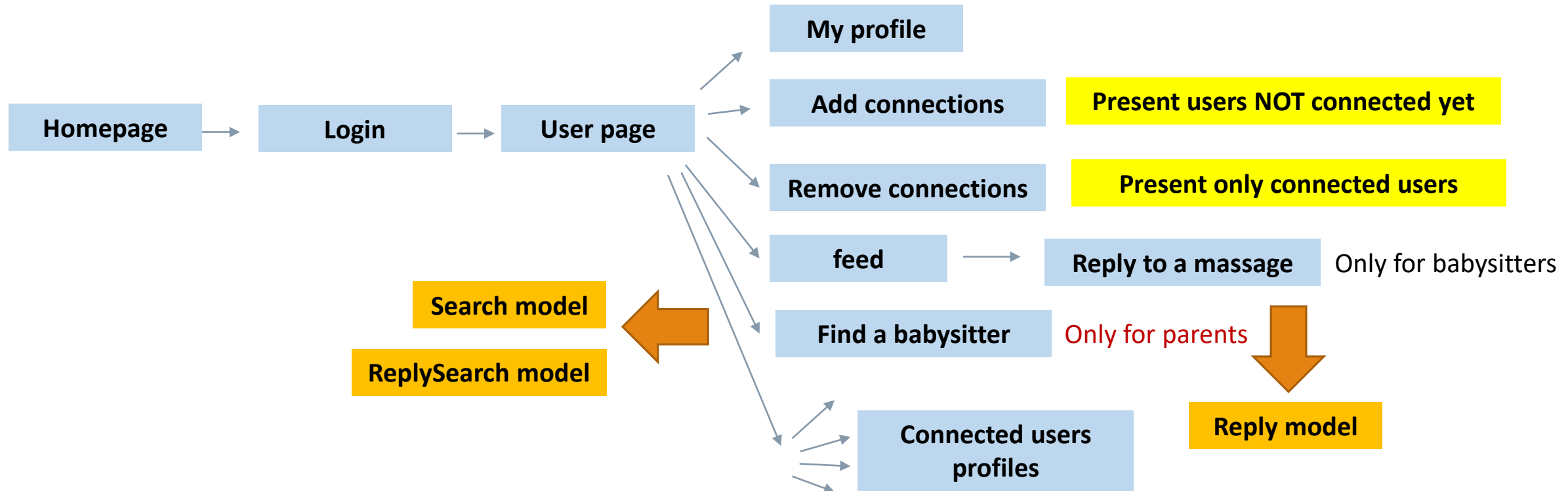
Models

- ❖ User: Django build-in model.
- ❖ Profile: Include user personal details – name , gender, email, phone etc.
- ❖ Details: Babysitter specific information – age, years of experience (babysitters only).
- ❖ Connection: Include username and all connected users in ManyToMany relationship.
- ❖ Search: Information about a search done by a parent – this includes the parameters of the search as well as the list of results and babysitter replies (if any).
- ❖ Reply: Babysitter reply content.
- ❖ ReplySearch: search reply model for babysitters – this include the Search ForeignKey and babysitter reply ForeignKey.

App overview – new user



App overview – registered user





Improvements ...

- ❖ Check password quality.
- ❖ Validation of user details (email, phone, etc.).
- ❖ Edit profile for registered user.
- ❖ Add parameters for babysitter search.
- ❖ Use mySQL as database.
- ❖ build a chat app for babysitter-parent communication