

In Week 5, you have learnt [how to plan your software development](#). Now let's get on to building some real world applications with Rails. For the next 2 weeks, you are going to build a beautiful property listing site called PairBnB (or you can call it whatever you want) using a Rails Framework. This PairBnB app will serve as your first Rails app in your development portfolios. Hence, give it all your best and put in your greatest effort.

Your Objectives

1. Study what the AirBnB app is all about.
2. Create an agile board using Trello and generate a backlog.
3. Place your stories into the backlogs with priorities and task lists.
4. Proceed with the database schema design and document it inside your Trello board.

NOTE:

At this stage, Don't CODE yet.

Draw out your database schema like what we did back in Week 2 and Week 3. At the very least, you should have users, listings, and reservations tables. Draw out their relationships. Write down the field columns you need for each table (for eg. a user table should have first_name, email etc.)

Some important considerations would include:

1. How 'user' connects to 'listings'
2. How 'user' performs 'reservations'
3. What is the relationship between 'user' and 'listings'
4. What is the relationship between 'user' and 'reservation'
5. Can I map out my user interface (wireframe)

Discussion

You're allowed to do peer discussion to enrich your design. At this point, you should discuss some points with experienced coders like your mentors:

1. Is planning really important? Can I skip that?
2. What are the consequences if we don't plan at all?