Hotel Booking Web Application

Group 47

Jichen Jiang, Linghao Zhao, Varun Reddy Pedditi, Zihe Wang

Why we need a hotel booking application?

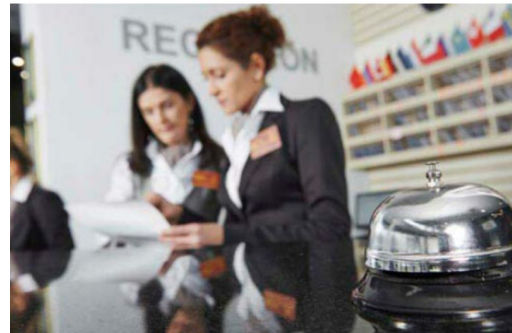To both normal users who want to book a room:

- Save time
- Convenience

To managers:

- Reduce manual error
- Replace manual-booking procedure with automated/semi-automated booking service

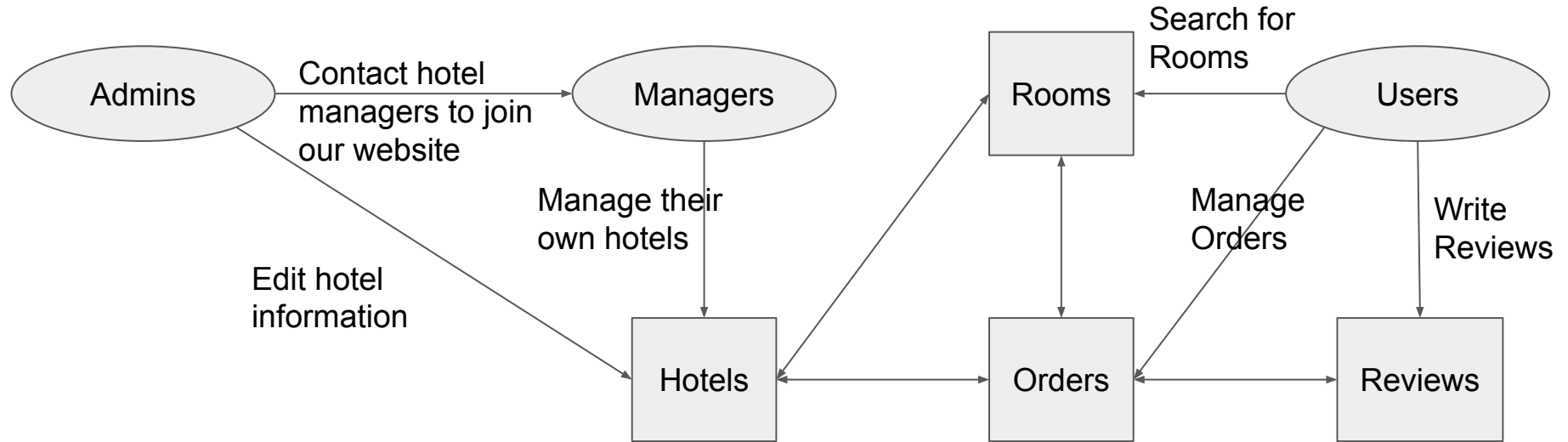Users who want to book a room, such as travelers.

managers of hotels

Core Features

- **General Features:**
  - New user sign up
  - To edit user profile
  - To search for hotels by destination, price, rating etc …
  - To read reviews of hotels
- **Normal Users**: Book hotels and manage booking orders
  - To collect their favorite hotels
  - To book hotel rooms
  - To manage orders: apply for editing or canceling
  - To write reviews for finished order

Core Features

- **Managers**: Manage hotel rooms and orders
    - To edit room information
    - To edit room type information
    - To manage room orders from normal users
- **Admins**: Manage users and hotel information
    - Edit hotel information
    - Assign managementship to normal user

Basic Process of Website

Bonus Features

- **Normal Users**:
    - Application for managementship.
    - Guest booking cache: like a "cart" system for shopping website.
- **Managers**:
    - Application for editing of hotel information.
- **Hotel page**:
    - Show an embedded local map based on Google Map.

Our Competitors

Tripadvisor

Hotels.com

Strength

- Fast response
- Easy to use
- Commercial free!

Weakness

- Less flashy or less presentable
- Support only hotel booking service
- Lack of employees

Opportunities

- Recovering from pandemic
- Growing demand
- Experienced manager

Threat

- Competition with established firm.
- Low popularity.
- Lack of funding.

Thank You!