

easyTravel

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1 Introduzione

easyTravel è un sito che permette di confrontare prezzi di voli, hotel e noleggio auto in molte città europee, dando informazioni sul meteo della città di arrivo se la data è abbastanza vicina.

2 Link github e tracking degli sprint

Link github: <https://github.com/marcocosta96/easyTravel>

Link degli sprint: [clicca qui](#)

3 User stories

3.1 SIGNUP, LOGIN e LOGOUT

1. As an UNREGISTERED USER I want to SING UP USING EMAIL so that I can BECOME REGISTERED USER;
2. As an UNREGISTERED USER I want to SING UP USING GOOGLE ACCOUNT so that I can BECOME REGISTERED USER;
3. As an UNREGISTERED USER I want to SING UP USING EMAIL AND P. IVA so that I can BECOME REGISTERED COMPANY USER;
4. As a REGISTERED USER I want to LOGIN USING EMAIL so that I can BECOME A LOGGED USER;
5. As a REGISTERED USER I want to LOGIN USING GOOGLE ACCOUNT so that I can BECOME A LOGGED USER;
6. As a REGISTERED USER I want to LOGIN USING EMAIL so that I can BECOME A LOGGED COMPANY USER;
7. As a LOGGED USER I want to LOGOUT so that I can BECOME NON-LOGGED USER;

3.2 Gestione Users

1. As a REGISTERED USER I want to HAVE SETTINGS so that I can CHANGE MY EMAIL;

2. As a REGISTERED USER I want to HAVE SETTINGS so that I can CHANGE MY PASSWORD;
3. As a REGISTERED USER I want to HAVE SETTINGS so that I can RECOVER MY PASSWORD;
4. As a REGISTERED USER I want to HAVE SETTINGS so that I can DELETE MY ACCOUNT;
5. As a REGISTERED USER I want to HAVE SETTINGS so that I can SET AN AVATAR;

3.3 Unregistered User

1. As an UNREGISTERED USER I want to RESEARCH FOR FLIGHTS so that I can COMPARE PRICES;
2. As an UNREGISTERED USER I want to SEE THE STATISTICS so that I can SEE THE GENERAL STATISTICS;
3. As an UNREGISTERED USER I want to SEE THE WEATHER OF THE ARRIVAL CITY so that I CAN PLAN BETTER MY TRIP;

3.4 Registered User

1. As a REGISTERED USER I want to CONFIRM MY EMAIL so that I can ACTIVATE MY ACCOUNT;
2. As a REGISTERED USER I want to RESEARCH FOR FLIGHTS so that I can COMPARE PRICES;
3. As a REGISTERED USER I want to SEE THE STATISTICS so that I can SEE THE GENERAL STATISTICS;
4. As a REGISTERED USER I want to see the weather of the arrival city so that I can PLAN BETTER MY TRIP;
5. As a REGISTERED USER I want to research for hotels in arrival city so that I can COMPARE PRICES;
6. As a REGISTERED USER I want to SAVE THE SEARCH so that I can REUSE IT;
7. As a REGISTERED USER I want to SAVE MY FAVOURITE CITIES so that I can DO RESEARCH EASILY;

8. As a REGISTERED USER I want to DELETE FAVOURITE CITIES so that I can UPDATE MY FAVOURITE CITIES LIST;
9. As a REGISTERED USER I want to SEE THE STATISTICS so that I can SEE GENERAL STATISTICS;
10. As a REGISTERED USER I want to SEE THE STATISTICS so that I can SEE PERSONAL STATISTICS;

3.5 Company User

1. As a COMPANY USER I want to CONFIRM MY EMAIL so that I can ACTIVATE MY ACCOUNT;
2. As a COMPANY USER I want to RESEARCH FOR FLIGHTS so that I can COMPARE PRICES;
3. As a COMPANY USER I want to SEE THE STATISTICS so that I can SEE THE GENERAL STATISTICS;
4. As a COMPANY USER I want to SEE THE WEATHER OF THE ARRIVAL CITY so that I can PLAN BETTER MY TRIP;
5. As a COMPANY USER I want TO RESEARCH FOR HOTELS IN ARRIVAL CITY so that I can COMPARE PRICES;
6. As a COMPANY USER I want to SAVE THE SEARCH so that I can REUSE IT;
7. As a COMPANY USER I want to SAVE MY FAVOURITE CITIES so that I can DO RESEARCH EASILY;
8. As a COMPANY USER I want to DELETE FAVOURITE CITIES so that I can UPDATE MY FAVOURITE CITIES LIST;
9. As a COMPANY USER I want to SEE THE STATISTICS so that I can SEE GENERAL STATISTICS;
10. As a COMPANY USER I want to RESEARCH FOR CARS so that I can RENT A CAR;

3.6 Admin

1. As an ADMIN I want to HAVE AN USER LIST so that I can CHECK THE USERS OF THE WEBSITE;
2. As an ADMIN I want to HAVE SPECIAL SETTINGS so that I can DELETE USERS;
3. As an ADMIN I want to HAVE SPECIAL SETTINGS so that I can SUSPEND THE WEBSITE;

4 Mockup

5 Schema DB

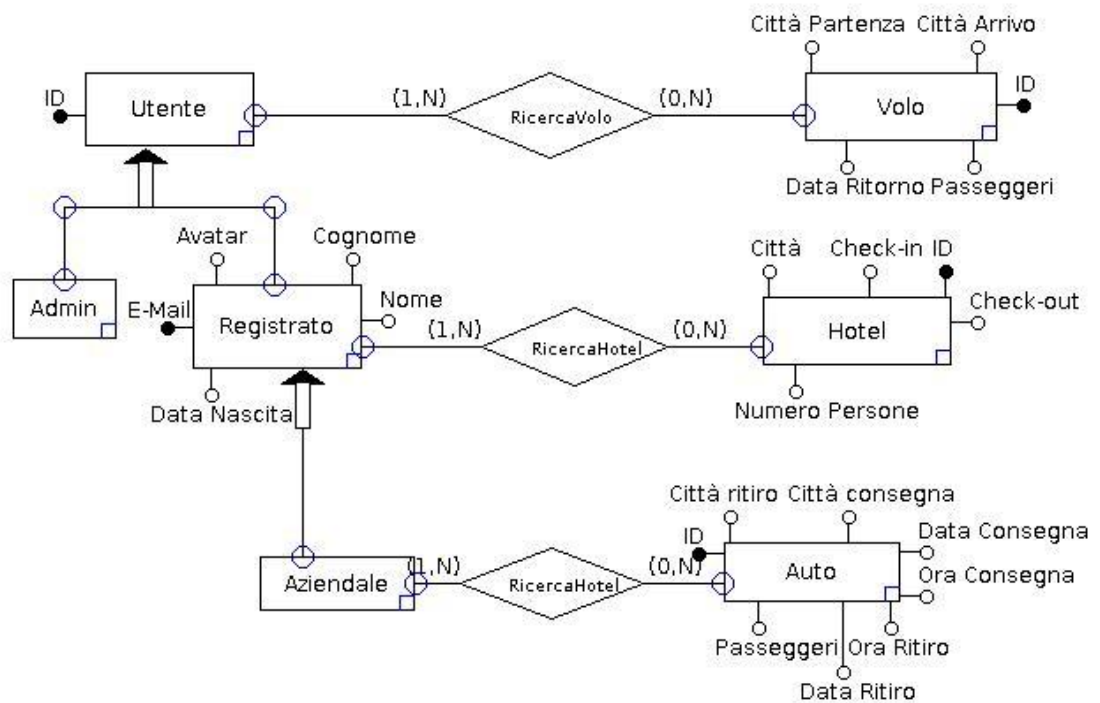


Figura 1: Schema ER

6 Struttura controllo degli accessi

Sono previste due modalità di accesso:

- Locale: L'utente inserisce le sue informazioni direttamente sul sito.
- OAuth: L'utente accede tramite Google e dà il consenso al trattamento dei propri dati.

6.1 Ruoli e diritti di accesso alle funzionalità disponibili

I ruoli previsti all'interno dell'applicazione sono i seguenti:

- Amministratore: ha accesso a tutte le impostazioni che riguardano il sito, può rimuovere commenti/utenti qualora lo ritenga necessario per evitare situazioni spiacevoli.
- Utente non registrato: può solamente fare ricerche di voli e consultare statistiche generali degli utenti che usano il sito.
- Utente registrato (Privato): oltre alle funzionalità concesse ad un utente non registrato, può fare ricerche sugli hotel, può salvare le ricerche effettuate, può impostare le città preferite e può consultare statistiche personali (come ore totali di viaggio, ecc...) e generali.
- Utente registrato (Aziendale): richiesta partita IVA per la registrazione, ha le stesse funzioni dell'utente privato, ma in più può fare ricerche sul noleggio auto. Può consultare solo le statistiche personali.

7 Piano dei Test