Gabriel Byram, Tom Arad, Morgan Baccus,
Lovee Baccus, Matt Balint, Shira Feinberg

Milestone 2

Team TravelAtlas

Stakeholders:

Developers
All the programmers developing the application.

Advertisers
Companies that pay for advertisements to be shown inside our app.

Travel Agencies
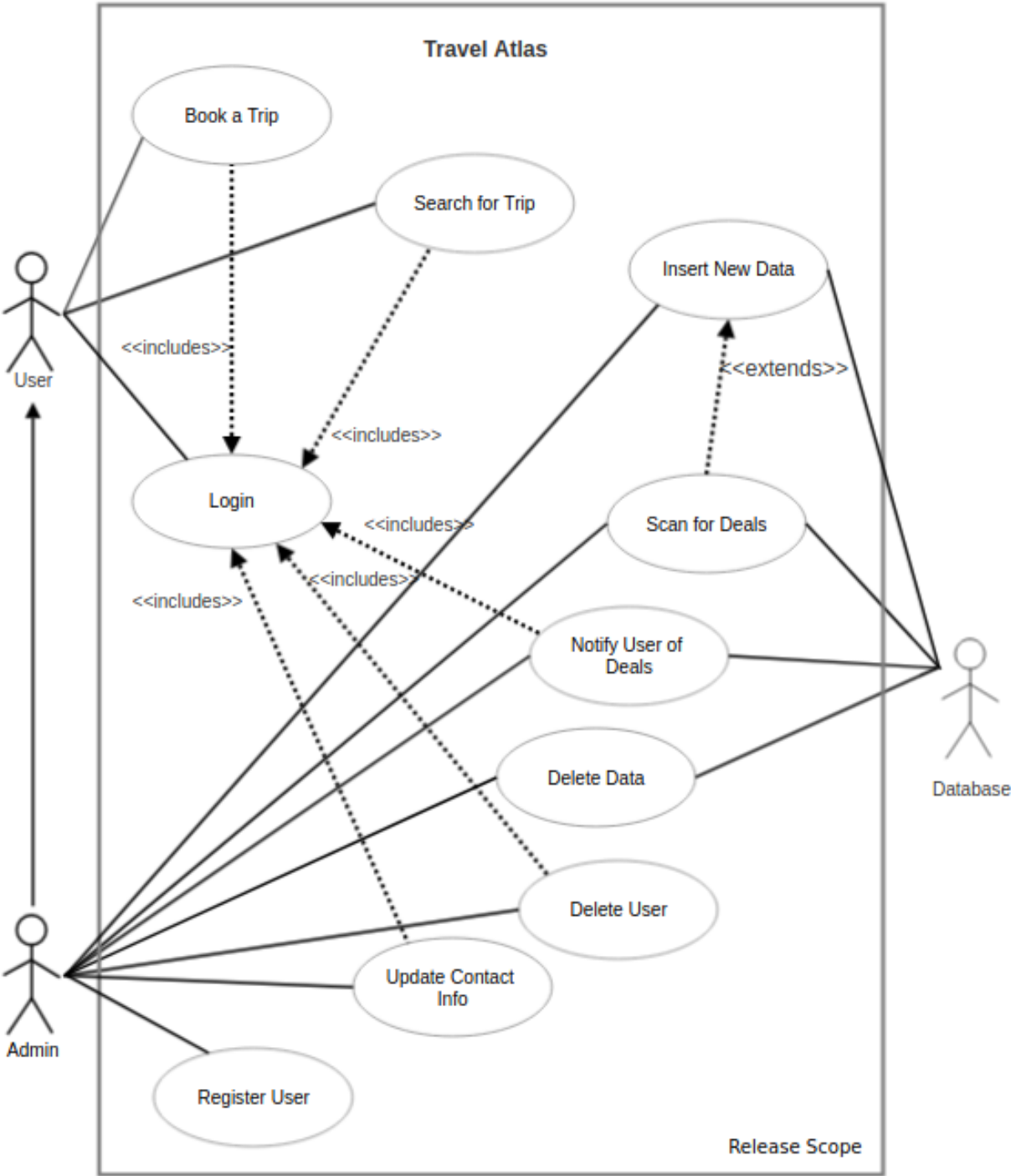Companies that we will redirect users to for booking hotels, flights or activities.

TravelAtlas
The company we are building the application for.

Testers
All the programmers who will be testing the application for bugs or unexpected behavior

General users
The users who will be using the app to find and plan their vacation trips

Travel Atlas

Book a Trip

Search for Trip

Insert New Data

<<includes>>

User

<<extends>>

<<includes>>

Login

Scan for Deals

<<includes>>

<<includes>>

<<includes>>

Notify User of Deals

Database

Delete Data

Delete User

Admin

Update Contact Info

Register User

Release Scope

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Scan for Deals

Actors:	● Admin ● Database
Goals:	● Find deals online
Preconditions:	● Must be an active deal ● Hyperlink (used for redirecting) must be valid
Scenarios:	● Collect data from travel agencies/websites with Python script
Exceptions:	● Invalid link

Insert Data

Actors:	● Admin ● Database
Goals:	● Adds scanned item to database
Preconditions:	● Validate that the database does not already contain data
Scenarios:	● Add deal to database (either manually or with a Python script) ● Shows on application when searching for a trip
Exceptions:	● Deal already exists in database

Delete Data

Actors:	● Admin ● Database
Goals:	● Delete data that is unneeded
Preconditions:	● Deal has expired ● Hyperlink is no longer valid
Scenarios:	● Remove deal from application ● Remove deal from database
Exceptions:	● Deal does not exist in database

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Notify User of Deals

Actors:	● Database
Goals:	● Send user a notification about a deal
Preconditions:	● User is signed in ● Must be an active deal
Scenarios:	● Deal selected randomly each day ● Send notification automatically based on user's notification frequency preferences (daily, weekly or monthly)
Exceptions:	● User has notifications disabled

Search for Trip

Actors:	● User
Goals:	● To find a vacation trip
Preconditions:	● Database must already be populated with trip locations and their hotel prices, flight prices, and activities
Scenarios:	● Fill in search box's fields ● Click search ● Show a search results page
Exceptions:	● No destinations with that name found ● No trips found within user's date and price range

Book a Trip

Actors:	● User
Goals:	● Book a flight and hotel
Preconditions:	● User has selected a trip from list of search results
Scenarios:	● Show a page with links to purchase the flight, hotel, and activities ● Click on the flight, hotel, and activities you want and redirect using link

Exceptions:	● None

Register User

Actors:	● New User
Goals:	● Create a new user ● Add to database
Preconditions:	● Email is not taken
Scenarios:	● Open register user page ● Fill appropriate fields ● User needs to be added to database ● Set user permissions
Exceptions:	● Email already exists in the database

Login

Actors:	● User
Goals:	● Login into program
Preconditions:	● User exists in the database
Scenarios:	● Go to Sign in page ● Fill in username ● Fill password fields ● Press 'Login' button ● Check to see if username exists, if not show message to create user ● Check if password matches for given username, if not show incorrect password ● Redirect to main page
Exceptions:	● Username does not exist ● User exists but incorrect password

Delete User

Actors:	● Admin

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Goals:	● Delete User from database
Preconditions:	● User must exist
Scenarios:	● Go to user profile ● Press 'delete account' button
Exceptions:	● User does not exist

Update Contact Info

Actors:	● Admin
Goals:	● Update contact information
Preconditions:	● Must be Admin
Scenarios:	● Go to 'contact info' on the setting page ● Fill appropriate fields ● Press 'Update' button
Exceptions:	● Invalid phone number or address inputted