

**Elaboration Specification**

**CIS-320-01**

**Team: Geek Squad**

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## 1. System Requirements

### Functional Requirements

- **Home Screen Requirements**

**ID: SR001** – The home screen shall allow users & guides to sign up/ log in

**ID: SR002** – The home screen shall allow users to select Top Destinations

**ID: SR003** – The home screen shall allow users to select Top Species

**ID: SR004** – The home screen shall allow users to select Guide Highlight

**ID: SR005** – The home screen shall allow users to select Blog

**ID: SR006** – The home screen shall allow users to select FAQ

**ID: SR007** – The home screen shall allow user to select Feat. Guides

**ID: SR008** – The home screen shall allow users to select Feat. Trips

**ID: SR009** - Users shall be able to access other GuideBookCo platforms

**ID: SR010** – User shall the take survey through GuideBookPro Platform

- **Top Destinations Tab Requirements**

**ID: SR011** – The most popular destinations shall be offered by Guidebook

**ID: SR012** – This shall contain a drop down for each destination with a destination description

**ID: SR013** – Shall allow users access to book a trip based on a top destination

- **Top Species Tab Requirements**

**ID: SR014** – Shall display the most popular species on GuideBook

**ID: SR015** - This shall contain a drop down for each species with a description

**ID: SR016** – Shall allow users access to book a trip based on top species

- **Guide Highlight Tab Requirements**

**ID: SR017** – Shall display all guidebook pro guides

**ID: SR018** – Shall give a description on each guide

**ID: SR019** – Shall allow access to book a trip based on the desired guide

- **Blog Tab Requirements**

**ID: SR020** – Users shall be able to view posts made by guides and users

**ID: SR021** – Guides shall be able to make new posts

**ID: SR022** – Guides shall be able to view posts made by users and other guides

- **FAQ Tab Requirements**

**ID: SR023** – Shall display most frequent asked questions

**ID: SR024** – Shall display answers to most frequent asked questions

**ID: SR025** – Shall allow administrators to edit/ change FAQ

- **Featured Guides Requirements**

**ID: SR026** – Shall display info on the celebrity guides

**ID: SR027** – Shall allow access to book a trip based on feat. guides

- **Featured Trips Requirements**

**ID: SR028** – Shall display a list of the featured trips at that moment and their info.

**ID: SR029** – Shall allow access to book a trip based on feat. Trips.

**ID: SR030** – Shall allow guides to approve booked trips

**ID: SR031** - Guide shall list & edit trips

**ID: SR032** - Guide shall manage trip dates

- **License Requirements**

**ID: SR033** – Shall allow users to view licenses they require for the specific trip they chose.

- **Recommended Housing Requirements**

**ID: SR034** – Shall display link to recommended housing.

- **Payment Requirements**

**ID: SR035** – Payment system (Stripe) shall accept card information

**ID: SR036** – Payment system shall accept billing information

**ID: SR037** – Payment information shall be edited

**ID: SR038** – Payment information shall be deleted

**ID: SR039** – Shall allow users to enter a promo code

## Non-Functional Requirements

- **Security Requirements**

**ID: SR040**– The content management system shall provide a secure sign-in

**ID: SR041**– The content management system shall backup information automatically

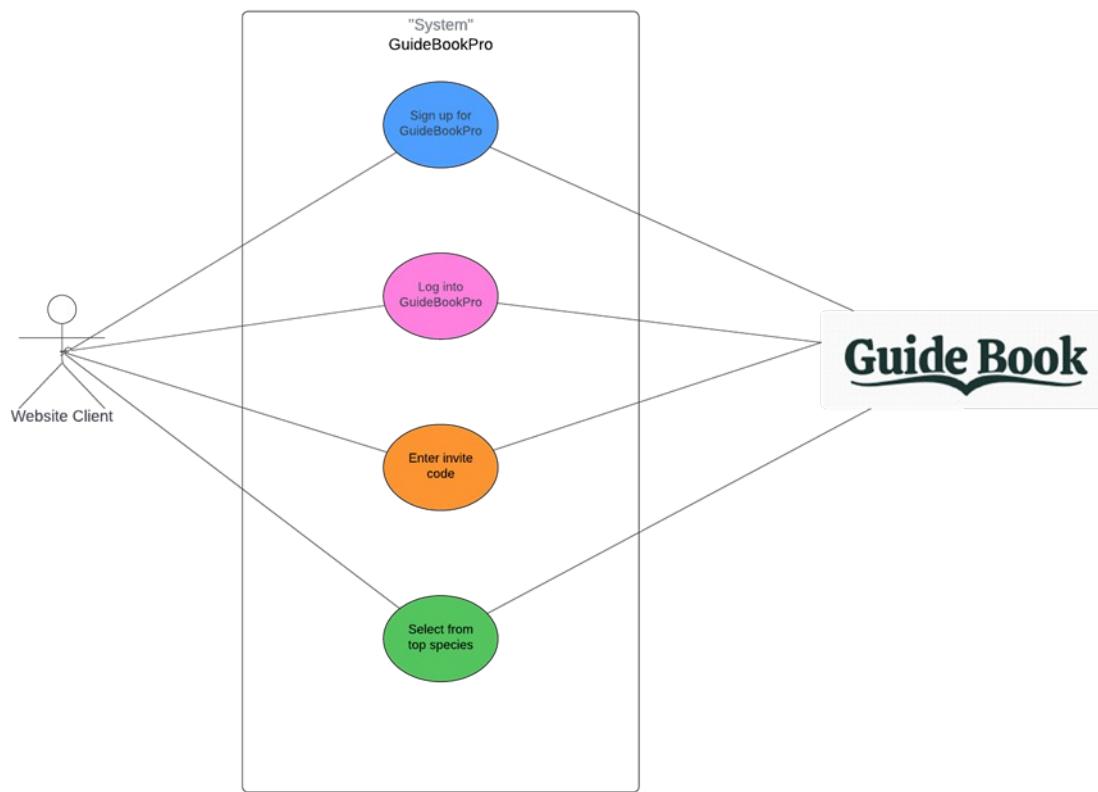
**ID: SR042** – The system shall provide secure payments

**ID: SR043** – Survey system shall store user feedback

**ID: SR044** – Survey system shall securely transfer data to GuideBookPro platform

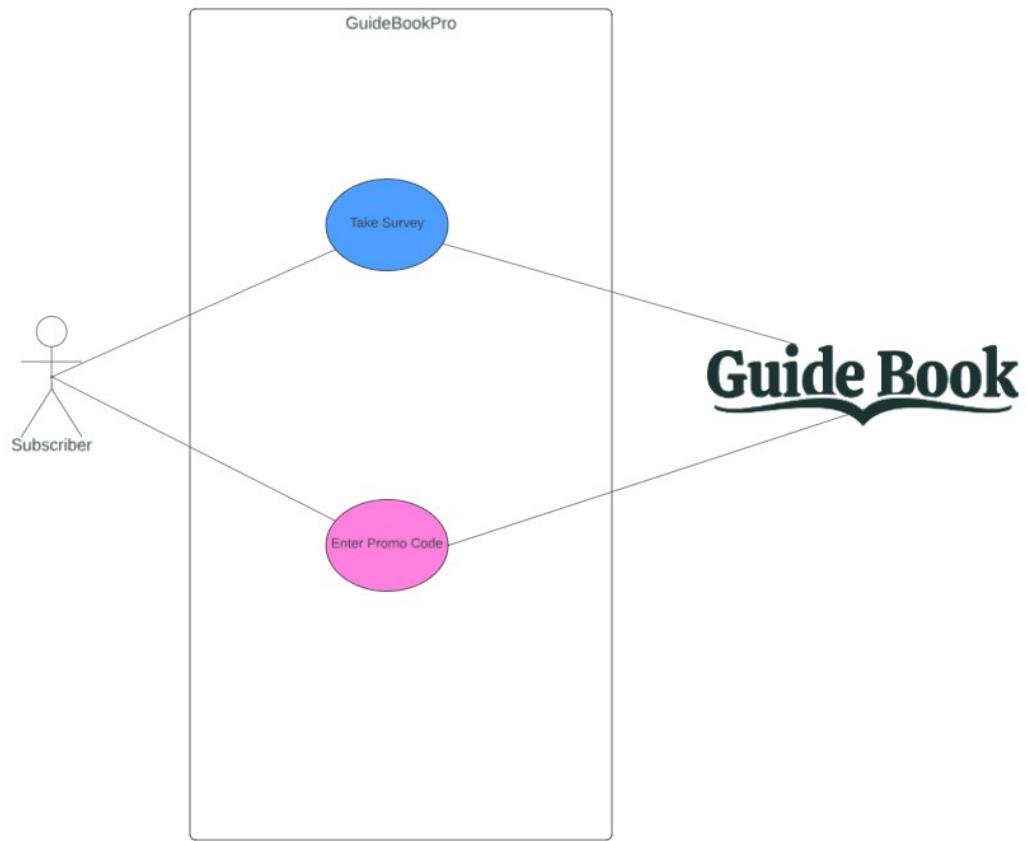
## 2. Use Case Diagram

### **Use Cases 01-06 & 32:**

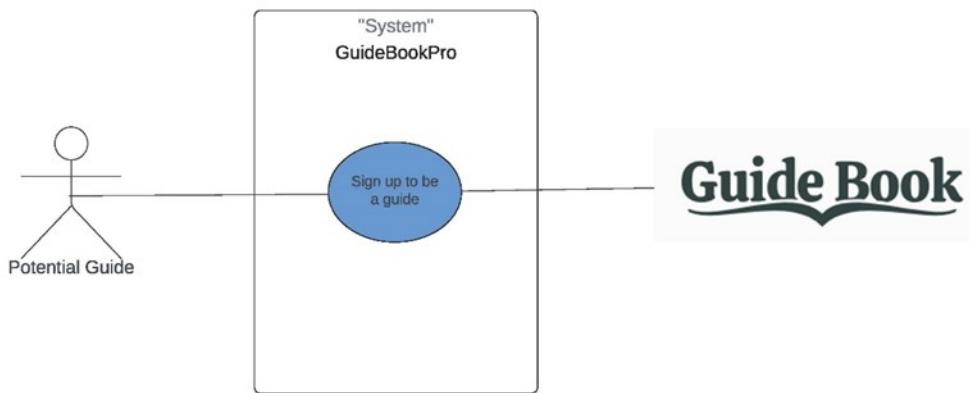


The client as new members of the GuideBookPro program will have to sign up the first time and enter the codes given out by the administrator, and from there on after will be able to log on and have their exclusive access to features. One of the features being selecting from the Top Species meaning the most popular on GuideBook so they don't have to sift through tons of different fish.

### Use Cases: Take Survey and Enter Promo Code

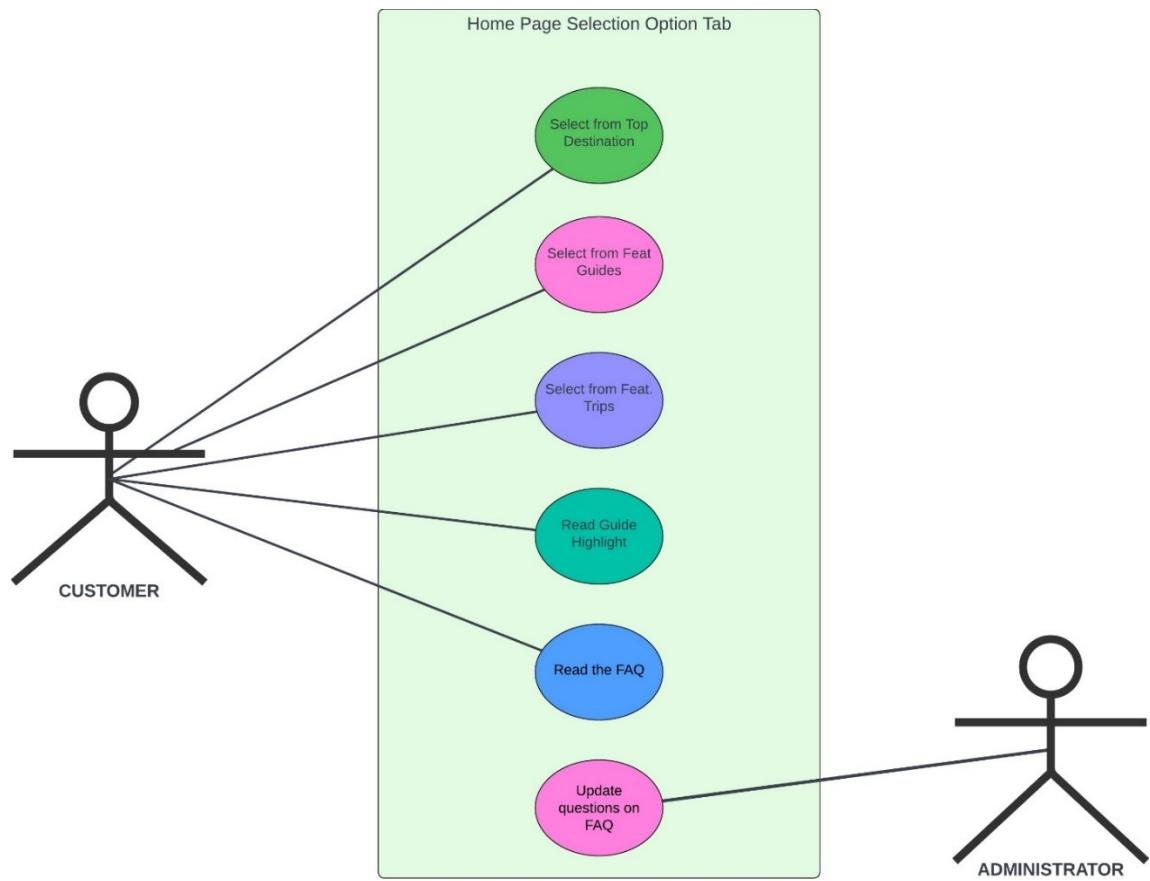


The subscriber will be able to access the survey, that is only there upon the first log in/ sign up, on the GuideBookPro system. This survey will be used to tailor the tabs specifically to that user. Also, there will be a chance for the subscriber to enter a promo code to get a discounted price on the trip towards the end of the checkout process, right before completing the checkout.



The guide will be able to sign up on the website and have their access to post their trips to all users including Pro members. The pro system is where all this takes place to interact with GuideBookCo.

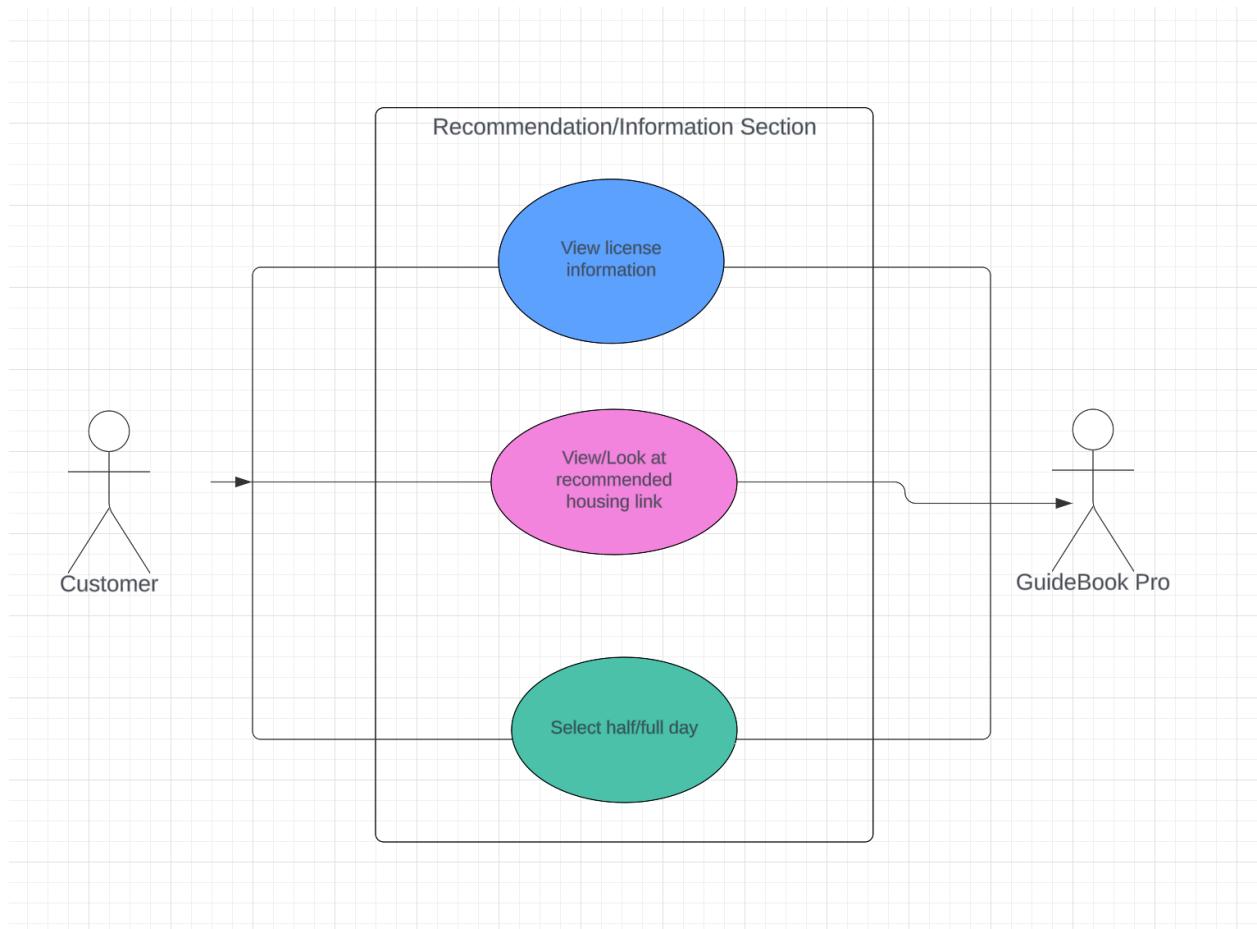
### **Use Cases 07-12:**



When the customers get to the website they can select the trip from the top destination section. Also, they can select trips from the home page where they can select from the feature trips, or guides, where they can see some options customized for them. There also they have the option to find the FAQ when they have questions about how the website works.

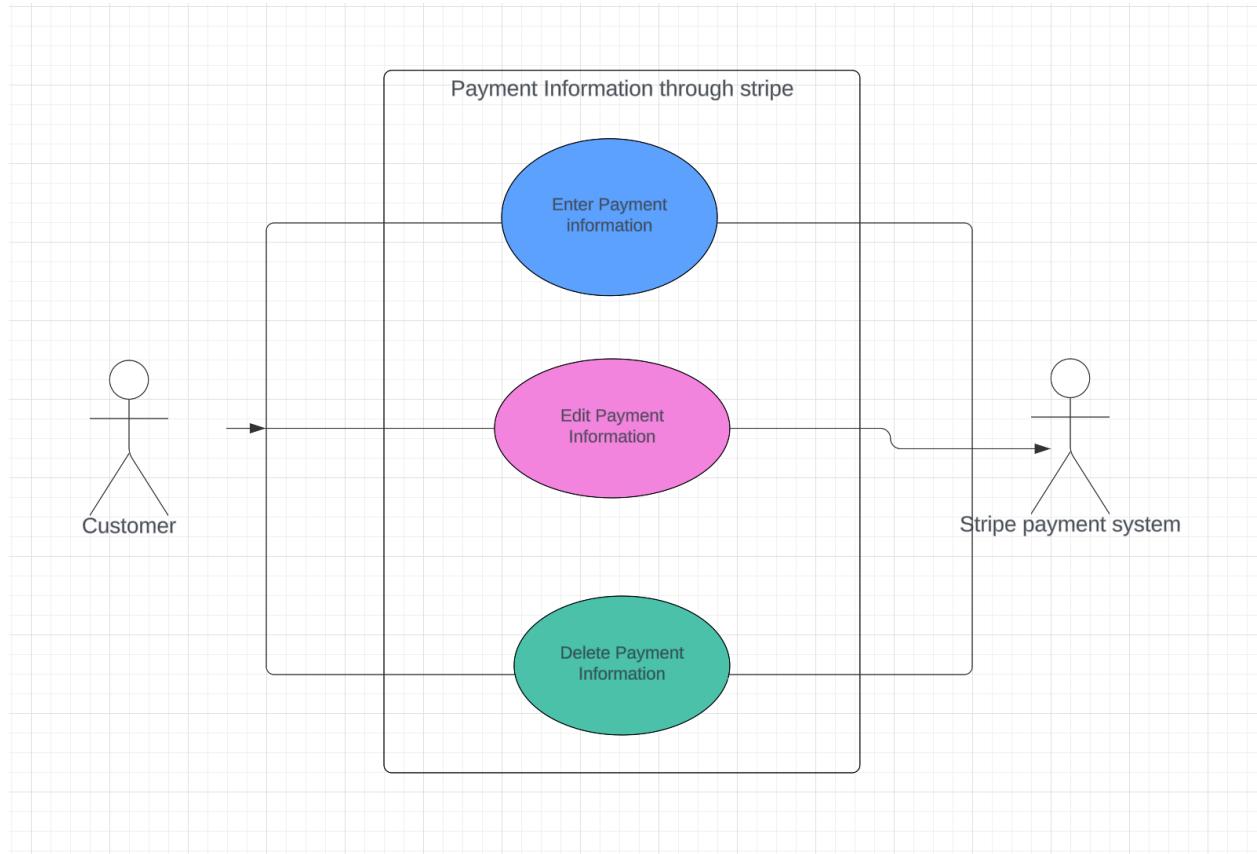
The administrator is going to have access to edit all the questions and answers from the FAQ.

### Use cases: 13-15



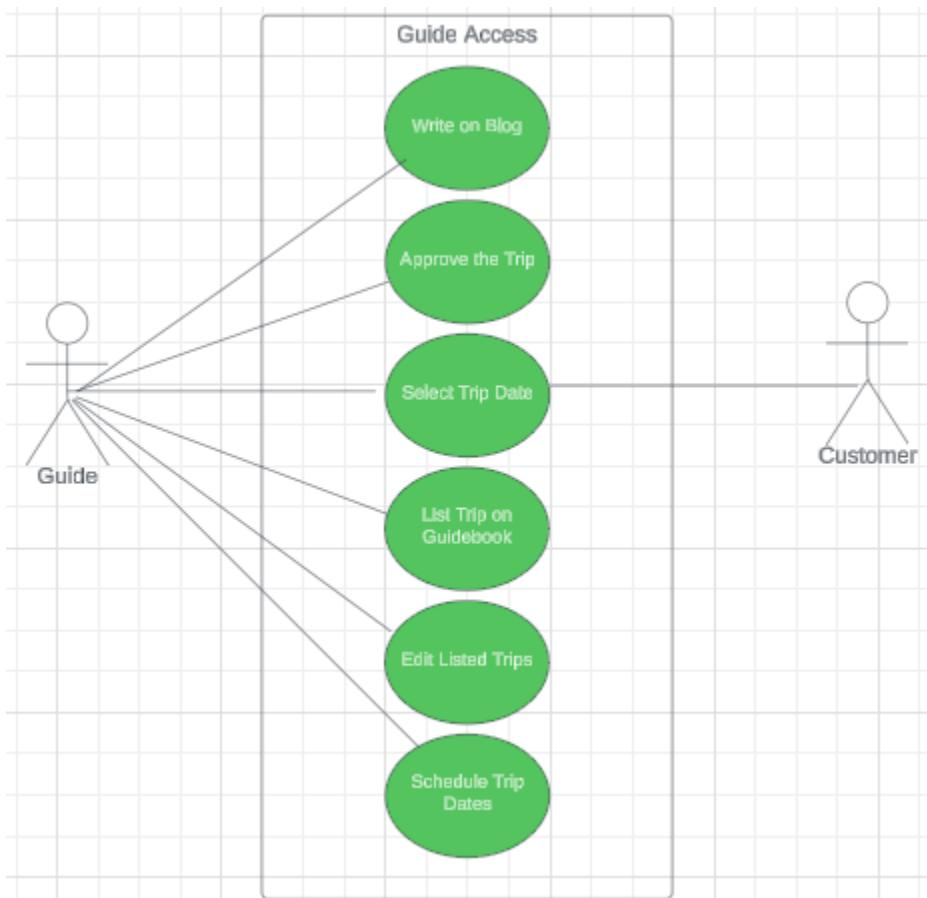
When customers get on our website in the process of booking a trip in our recommended section they can view licensing information, housing recommendation near the trip, and they can also select if they want to have a full day or half day experience.

### Use cases: 16-18



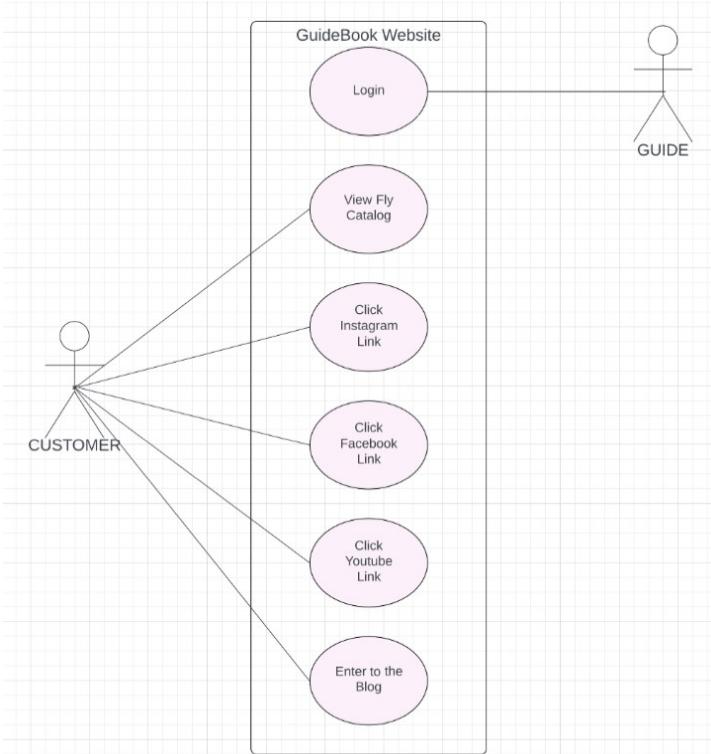
Trip payments are going to be through stripe, it's very secured and customers can either enter their payment information during booking section, edit their payment, or delete their payment information. This can be done during a booking section or in their personal setting.

### Use Case: 19-24



Guides have exclusive access to many different features that aren't included for the customers such as writing on blogs, approving trips, selecting trip dates, listing trips, edit listed trips, and scheduling trip dates. The customer only has access to selecting a trip date.

## Use Cases 25 – 30



Guides have exclusive access and can log in to the website with their credentials. Customers are able to view and browse the Southern Culture on Fly Fishing Catalog, explore the Blog, and connect with GuideBook's social media profiles by clicking the Instagram, Facebook, and YouTube links.

### 3. Trace Matrix

## Excel Spreadsheet

## 4. Use Cases

### Use Cases 1 – 6 & 32

<b>Use Case Name:</b> Log on to GuideBookCo.com	<b>ID:</b> 01	<b>Importance Level:</b> High
<b>Primary Actor:</b> Website Customer		<b>Use Case Type:</b> Real, Overview
<b>Stakeholders and Interests:</b> <ul style="list-style-type: none"><li>• <b>Customer:</b> wants to be able to log into an account for GuideBookPro.</li><li>• <b>GuideBookCo.com:</b> allow user to log into functional accounts on GuideBookPro that offer them exclusive access.</li></ul>		
<b>Brief Description:</b> The customer can log in to their account on GuideBookCo.com.		
<b>Trigger:</b> User clicks on the “Log In” button that appears once clicking the user icon. <b>Type:</b> External		
<b>Relationships:</b> <i>Association:</i> Website User <i>Include:</i> <i>Extend:</i> <i>Generalization:</i>		
<b>Normal Flow of Events:</b> <ol style="list-style-type: none"><li>1. User gets on to internet and goes to GuideBookCo.com.</li><li>2. Once on the website, the user will be on the home screen.</li><li>3. The user will click the user icon located in the top right corner.</li><li>4. A drop down will appear, and the user will select log into GuideBookPro.</li><li>5. The user will enter their username and password.</li><li>6. The user will then be granted access to GuideBookPro features.</li></ol>		
<b>SubFlows:</b> <ul style="list-style-type: none"><li>• <i>None Identified</i></li></ul>		
<b>Alternate/Exceptional Flows:</b> <ol style="list-style-type: none"><li>5a. The username and/ or password can be invalid.</li><li>6a. The user will only have access to the standard GuideBook as they do not have a premium subscription.</li></ol>		

<b>Use Case Name:</b> Sign up for GuideBookCo.com	<b>ID:</b> 02	<b>Importance Level:</b> High
<b>Primary Actor:</b> Website Customer		<b>Use Case Type:</b> Real, Overview
<b>Stakeholders and Interests:</b>		
<ul style="list-style-type: none"> <li>• <b>Customer:</b> wants to be able to sign up for an account for GuideBookPro.</li> <li>• <b>GuideBookCo.com:</b> allow user to sign up for accounts on GuideBookPro that offer them exclusive access.</li> </ul>		
<b>Brief Description:</b> The customer can sign up for an account on GuideBookCo.com.		
<b>Trigger:</b> User clicks on the “Sign Up” button that appears once clicking the user icon. <b>Type:</b> External		
<b>Relationships:</b> <i>Association:</i> Website User <i>Include:</i> <i>Extend:</i> <i>Generalization:</i>		
<b>Normal Flow of Events:</b> <ol style="list-style-type: none"> <li>1. User gets on to internet and goes to GuideBookCo.com.</li> <li>2. Once on the website, the user will be on the home screen.</li> <li>3. The user will click the user icon located in the top right corner.</li> <li>4. A drop down will appear, and the user will select sign up for GuideBookPro.</li> <li>5. The user will be prompted to enter an invite code.</li> <li>6. The user will then enter basic information to create an account.</li> <li>7. Customer will then pay the subscription fee.</li> <li>8. User will be granted access to GuideBookPro features.</li> </ol>		
<b>SubFlows:</b> <ul style="list-style-type: none"> <li>• <i>None Identified</i></li> </ul>		
<b>Alternate/Exceptional Flows:</b> <p>5a. The invite code can be denied as invalid and then prompt customer to reenter.      6a. Some information can be validated and if not valid with policies then the customer will be asked to reenter information.</p>		

<b>Use Case Name:</b> Enter the invite code	<b>ID:</b> 03	<b>Importance Level:</b> High
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<b>Primary Actor:</b> Website Customer	<b>Use Case Type:</b> Real, Detail	
<b>Stakeholders and Interests:</b>		
<ul style="list-style-type: none"> <li>• <b>Customer:</b> Needs to be able to have a space to enter an invite code.</li> <li>• <b>GuideBookCo.com:</b> Wants to provide an area for the client to enter an invite code.</li> </ul>		
<b>Brief Description:</b> The customer can enter the invite code to get approved to sign up for GuideBookPro.		
<b>Trigger:</b> Client goes to the sign up for GuideBookPro and once they click it they are prompted to enter a code.		
<b>Type:</b> Internal		
<b>Relationships:</b>		
<p><i>Association:</i> Website User</p> <p><i>Include:</i> The signup process</p> <p><i>Extend:</i></p> <p><i>Generalization:</i></p>		
<b>Normal Flow of Events:</b>		
<ol style="list-style-type: none"> <li>1. Client gets on website.</li> <li>2. They click the user icon on the home screen.</li> <li>3. Then select “Sign Up for GuideBookPro”</li> <li>4. The client will then be prompted to enter the invite code.</li> </ol>		
<b>SubFlows:</b>		
<ul style="list-style-type: none"> <li>• <i>None Identified</i></li> </ul>		
<b>Alternate/Exceptional Flows:</b>		
4a. The invite code can be denied and the client will be prompted to reenter the code or they won’t be permitted access to create an account.		

<b>Use Case Name:</b> Enter promo code	<b>ID:</b> 04	<b>Importance Level:</b> Low
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<b>Primary Actor:</b> Website Customer	<b>Use Case Type:</b> Real, Detail
<b>Stakeholders and Interests:</b>	
<ul style="list-style-type: none"> <li>• <i>Customer: Would like to enter a coupon to save money on trips.</i></li> <li>• <i>GuideBookCo.com: Allow valid coupon codes to be applied to trips.</i></li> </ul>	
<b>Brief Description:</b> The customer can enter a promo code during the checkout process.	
<b>Trigger:</b> The client has chosen a date and type of trip and now have the option to enter a promo code before checkout.	
<b>Type:</b> Internal	
<b>Relationships:</b>	
<p><i>Association:</i> Website User</p> <p><i>Include:</i> Payment system</p> <p><i>Extend:</i></p> <p><i>Generalization:</i></p>	
<b>Normal Flow of Events:</b>	
<ol style="list-style-type: none"> <li>1. Customer logs on to website.</li> <li>2. Customer searches and finds a trip.</li> <li>3. Customer selects a date.</li> <li>4. Then they select whether they want a full day or half day.</li> <li>5. After, the customer has an option to enter a coupon code.</li> <li>6. The customer proceeds to checkout</li> <li>7. The guide will then approve the trip.</li> </ol>	
<b>SubFlows:</b>	
<ul style="list-style-type: none"> <li>• <i>None Identified</i></li> </ul>	
<b>Alternate/Exceptional Flows:</b>	
5a. The coupon code is entered and is denied. 5b. The code is accepted.	

<b>Use Case Name:</b> Select from Top Species	<b>ID:</b> 05	<b>Importance Level:</b> High
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<b>Primary Actor:</b> Website Customer	<b>Use Case Type:</b> Real, Overview	
<b>Stakeholders and Interests:</b>		
<ul style="list-style-type: none"> <li>• <b>Customer:</b> Choose a trip based on the species they want to fish.</li> <li>• <b>GuideBookCo.com:</b> Give enhanced access to subscribers</li> </ul>		
<b>Brief Description:</b> The customer can enter the invite code to get approved to sign up for GuideBookPro.		
<b>Trigger:</b> The client selects the top species tab and would select the booking button. <b>Type:</b> Internal		
<b>Relationships:</b>		
<i>Association:</i> Website User <i>Include:</i> <i>Extend:</i> To the booking and payment processes <i>Generalization:</i>		
<b>Normal Flow of Events:</b>		
<ol style="list-style-type: none"> <li>1. Client logs into the pro extension.</li> <li>2. On the home screen select the top species tab.</li> <li>3. Once a species is found the client can choose to select the booking option.</li> <li>4. From there the client does the standard process of booking.</li> </ol>		
<b>SubFlows:</b>		
<ul style="list-style-type: none"> <li>• <i>None Identified</i></li> </ul>		
<b>Alternate/Exceptional Flows:</b>		
1a. The login credentials are incorrect		

<b>Use Case Name:</b> Sign Up as a guide	<b>ID:</b> 06	<b>Importance Level:</b> High
<b>Primary Actor:</b> Interested Guide	<b>Use Case Type:</b> Real, Overview	
<b>Stakeholders and Interests:</b>		

- **Guide:** Want to be able to sign up and become a guide to post trips through GuideBook.
- **GuideBookCo.com:** Give guides an opportunity reaches a wider audience by working with GuideBookCo.

**Brief Description:** The guide can go onto the website and sign up to become a guide and post their trips.

**Trigger:** The guide has a desire to reach a wider audience and then finds GuideBook as viable option to work with.

**Type:** External

#### **Relationships:**

*Association:* Website User

*Include:*

*Extend:*

*Generalization:*

#### **Normal Flow of Events:**

1. The interested guide goes to the GuideBook website.
2. They click the “are you a guide?” button in the top right.
3. They will then click the “sign up” button.
4. They will enter the necessary information to create an account.

#### **SubFlows:**

- *None Identified*

#### **Alternate/Exceptional Flows:**

<b>Use Case Name:</b> Take the survey	<b>ID:</b> 32	<b>Importance Level:</b> High
<b>Primary Actor:</b> Website Subscriber		<b>Use Case Type:</b> Real, Overview
<b>Stakeholders and Interests:</b> <ul style="list-style-type: none"> <li>• <b>Customer:</b> wants to be able to have the product tailored to their preferences.</li> <li>• <b>GuideBookCo.com:</b> wants to offer a simple layout to subscribers based on their desires.</li> </ul>		

**Brief Description:** The customer will be prompted to take a survey upon their first login or signing up for the pro service. This survey will ask preferences on the destinations and species offered on the platform.

**Trigger:** The user will log in for the first time or sign up.

**Type:** Internal

**Relationships:**

*Association:* Website User

*Include:*

*Extend:*

*Generalization:*

**Normal Flow of Events:**

1. User will log into the website for the first time.
2. Once the user is logged in, they will be prompted to take the survey.
3. When the survey is complete the tabs will be tailored to that specific subscriber based on their preferences.

**SubFlows:**

1. The website user will sign up by entering the invite code, creating an account, and paying the subscription fee.

**Alternate/Exceptional Flows:**

- 1a. The username and/ or password can be invalid.

**Use Case Descriptions (use cases 07-12):**

**Use Case 7: Select from Top Destinations**

<b>Use Case Name:</b> Select from Top Destinations	<b>ID:</b> 07	<b>Importance Level:</b> High
<b>Primary Actor:</b> Customer		<b>Use Case Type:</b> Detail, Essential
<b>Stakeholders and Interests:</b> <ul style="list-style-type: none"><li>• <b>Customer:</b> wants to look for fishing trips available.</li><li>• <b>Administrator:</b> wants to make the display fishing trips available in an easier way for the customer.</li></ul>		

**Brief Description:** The use case describes how the customer can select a destination from the top destinations tab and view its info and available trips.

**Trigger:** Customer looking for fishing trips by destinations.

**Type:** External

**Relationships:**

*Association: Customer*

*Include: Select trip date*

*Extend: Approve the Trip*

*Generalization: Schedule Trip*

**Normal Flow of Events:**

1. The customer logs onto database.
2. The customer enters to the Home Page.
3. The customer clicks the 'Top Destination' tab on website's navigation bar.
  - a. *Executes use-case (07) to select a trip from Top Destinations*
4. The customer clicks one of the trips displayed in the 'Top Destination' Tab.

**SubFlows:**

- *None Identified*

**Alternate/Exceptional Flows:**

- Customer's authentication is rejected and is unable to access pro version of the website.

**Use Case 8: Select from Feat. Guides**

<b>Use Case Name:</b> Select from Feat. Guides	<b>ID:</b> 08	<b>Importance Level:</b> Low
<b>Primary Actor:</b> Customer	<b>Use Case Type:</b> Detail, Essential	
<b>Stakeholders and Interests:</b> <ul style="list-style-type: none"><li>• <b>Customer:</b> wants to look for fishing trips available.</li><li>• <b>Administrator:</b> wants to make the display fishing trips available in an easier way for</li></ul>		

the customer.

**Brief Description:** The use case describes how the customer can select a guide from the "feat. Guides tab" and view their information listed.

**Trigger:** Customer looking for fishing trips by Guides.

**Type:** External

**Relationships:**

*Association: Customer*

*Include: Select trip date*

*Extend: Approve the Trip*

*Generalization: Schedule Trip*

**Normal Flow of Events:**

1. The customer logs onto the pro version of the database.
2. The customer enters the Home Page.
3. The customer clicks the 'Feat. Guide' on the website.
  - a. Executes use-case (08) to select a trip from the Feat. Guides
4. The customer clicks one of the trips displayed in the 'Feat. Guides' group

**SubFlows:**

- *None Identified*

**Alternate/Exceptional Flows:**

- Customer's authentication is rejected and is unable to access pro version of the website.

**Use Case 9: Select from Feat. Trips**

<b>Use Case Name:</b> Select from Feat. Trips	<b>ID:</b> 09	<b>Importance Level:</b> High
<b>Primary Actor:</b> Customer		<b>Use Case Type:</b> Detail, Essential
<b>Stakeholders and Interests:</b> <ul style="list-style-type: none"><li>• <b>Customer:</b> wants to look for fishing trips available.</li><li>• <b>Administrator:</b> wants to make the display fishing trips available in an easier way for the customer.</li></ul>		
<b>Brief Description:</b> The use case describes how the customer can select a trip from the "Feat. Trips" Tab and view the information of each trip listed.		

**Trigger:** Customer looking for fishing trips by Feature Trip.

**Type:** External

**Relationships:**

*Association: Customer*

*Include: Select trip date*

*Extend: Approve the Trip*

*Generalization: Schedule Trip*

**Normal Flow of Events:**

1. The customer logs onto the pro version of the database.
2. The customer enters the Home Page.
3. The customer clicks on 'Feat. Trip' group.
  - a. *Executes use-case (09) to select a trip from Feat. Trips.*
4. The customer clicks one of the trips displayed in the 'Feat. Trips' Group.

**SubFlows:**

- *None Identified*

**Alternate/Exceptional Flows:**

- Customer's authentication is rejected and is unable to access pro version of the website.

**Use Case 10: Read Guide Highlight**

<b>Use Case Name:</b> Read Guide Highlight	<b>ID:</b> 10	<b>Importance Level:</b> Low		
<b>Primary Actor:</b> Customer	<b>Use Case Type:</b> Detail, Essential			
<b>Stakeholders and Interests:</b>				
<ul style="list-style-type: none"><li>• <b>Customer:</b> wants to look for fishing trips available.</li><li>• <b>Administrator:</b> wants to make the display fishing trips available in an easier way for the customer.</li></ul>				
<b>Brief Description:</b> The use case describes how the customer has access to the guide's highlights and can read the description of each guide available on the website.				
<b>Trigger:</b> Customer looking for information about Guides.				
<b>Type:</b> External				
<b>Relationships:</b>				
<i>Association: Customer</i>				
<i>Include:</i>				

*Extend: Select from Feat. Guides*  
*Generalization: Summary guides*

**Normal Flow of Events:**

1. The customer logs onto pro version of the database.
2. The customer enters to the Home Page.
3. The customer clicks the 'Guide Highlight' tab on website's navigation bar.
  - a. *Executes use-case (10) to Read Guide Highlight*

**SubFlows:**

- *None Identified*

**Alternate/Exceptional Flows:**

- Customer's authentication is rejected and is unable to access pro version of the website.

**Use Case 11: Read the FAQ**

<b>Use Case Name:</b> Read the FAQ	<b>ID:</b> 11	<b>Importance Level:</b> Low		
<b>Primary Actor:</b> Customer	<b>Use Case Type:</b> Detail, Essential			
<b>Stakeholders and Interests:</b>				
<ul style="list-style-type: none"> <li>• <b>Customer:</b> wants to know information relevant to how the website works.</li> <li>• <b>Administrator:</b> wants to have one area where the possible customer found the answer to all their possible question they will have regarding the fishing trips or how the website works.</li> <li>• <b>Web developer:</b> want to create one area where the users can find the most general list of frequent questions and their answers.</li> </ul>				
<b>Brief Description:</b> The use case describes how the customer has access to the FAQ tab and can read the responses to the most frequent questions.				
<b>Trigger:</b> Customer looking for general information.				
<b>Type:</b> External				
<b>Relationships:</b>				
<p><i>Association: Website User</i></p> <p><i>Include:</i></p> <p><i>Extend: Update questions on FAQ</i></p> <p><i>Generalization: Visualization of Frequent questions and answers.</i></p>				

**Normal Flow of Events:**

1. The customer logs onto the pro version of the database.
2. The customer enters the Home Page.
3. The customer clicks the 'FAQ' tab on the website's navigation bar.
  - a. *Executes use-case (11) to read the FAQ.*

**SubFlows:**

- *None Identified*

**Alternate/Exceptional Flows:**

- Customer's authentication is rejected and is unable to access pro version of the website.

**Use Case 12: Update questions on FAQ**

<b>Use Case Name:</b> Update questions on FAQ	<b>ID:</b> 12	<b>Importance Level:</b> Low
<b>Primary Actor:</b> Administrator		<b>Use Case Type:</b> Detail, Essential

**Stakeholders and Interests:**

- **Administrator:** wants to be able to update the questions and answers on FAQ.
- **User:** wants to find information about the website in general.
- **Web developer:** want to create one area where the users can find the most general list of frequent questions and their answers.

**Brief Description:** This use case describes how the administrator can update questions and responses on the FAQ

**Trigger:** Administrator updating the general information

**Type:** Internal

**Relationships:**

*Association:* Administrator

*Include:* Read the FAQ

*Extend:*

*Generalization:* Modification on the FAQ Tab

**Normal Flow of Events:**

1. The administrator logs onto the database of the pro version.
2. The administrator enters to the Home Page.

3. The administrator clicks the 'FAQ' tab on the website's navigation bar.
4. The administrator selects the 'Adjustment' option in the 'FAQ' Tab.
  - a. *Executes use-case (12) Update questions on FAQ*

**SubFlows:**

- *None Identified*

**Alternate/Exceptional Flows:**

1. The administrator is unable to login to the website due to a lack of credentials.
2. The administrator's authentication is rejected and is unable to access the website.
3. The administrator is unable to access the 'FAQ' Tab due to limited access.
4. Entered data parameters are invalid and the creation request is rejected.
5. Entered data parameters are invalid and the modification request is rejected.

**Use Case Descriptions (use cases 13-15):**

Use Case 13: View license information

Use Case Name: View license information	ID: 13	Importance Level: Low
Primary Actor: Customer		Use Case Type: Detail, Essential
<b>Stakeholders and Interests:</b>		
<ul style="list-style-type: none"> <li>• Customer: Wants to know information what fishing license in the state that they're booking trip in.</li> <li>• Guidebook Pro: Making sure customer is informed on licensing policies.</li> </ul>		
<b>Brief Description:</b> This use case describes how customers can view licensing information about the state trip they're booking on.		
<b>Trigger:</b> Customer wanting to know if they will be needing a fishing license		
<b>Type:</b> External		
<b>Relationships:</b>		
Association: Customer Include: Extend: View Recommended housing link Generalization: Recommendation/Information section		
<b>Normal Flow of Events:</b>		
<ol style="list-style-type: none"> <li>1. Customers enter invite code</li> <li>2. Customer will have the option to Sign Up/Log In</li> <li>3. Customer will click on licenses section</li> <li>4. Customer will be presented with information on licensing</li> </ol>		

<b>Sub Flows:</b>
• None Identified
<b>Alternate/Exceptional Flows:</b>
1a. Customer choosing a different based licensing law in another state 2a. Customer cancelling trip due to not obtaining a license

#### Use Case 14: View/Look at the recommended housing link

Use Case Name: View/Look at the recommended housing link	ID: 14	Importance Level: Low
Primary Actor: Customer		Use Case Type: Detail, Essential
<b>Stakeholders and Interests:</b>		
<ul style="list-style-type: none"> <li>Customer: Will be able to click on recommended link to add on housing for their trip</li> <li>Guidebook Pro: Will provide useful link to different housing near the area of trip for customer</li> </ul>		
Brief Description: This use case describes how customers will be able to view recommended housing while checking out to add on to their trip.		
Trigger: Customers click on recommended housing while checking out trip		
Type: External		
<b>Relationships:</b>		
Association: Customer Include: View licensing information Extend: Choosing Half/Full day for trip Generalization: Recommendation/Information section		
<b>Normal Flow of Events:</b>		
<ol style="list-style-type: none"> <li>Customers enter invite code</li> <li>Customer will have the option to Sign Up/Log In</li> <li>Customer will have the choice to book a trip</li> <li>Customer will choose the day their trip will be</li> <li>Customer will proceed with the trip process and before checking out housing recommendation will be asked.</li> </ol>		
<b>Sub Flows:</b>		
• None Identified		
<b>Alternate/Exceptional Flows:</b>		
1a. Customer have wrong invite code and can't enter website. 2a. Customer unable to log in due to wrong information. 3a. Customer unable to choose trip due to limited access. 4a. Customer unable to choose recommended housing due to lack of sponsorship on guidebook part.		

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### Use Case 15: Select Half/Full Day

Use Case Name: Select Half/Full Day	ID: 15	Importance Level: High
Primary Actor: Customer		Use Case Type: Detail, Essential
<b>Stakeholders and Interests:</b>		
<ul style="list-style-type: none"> <li>• Customer: will be able to select if they want a half/full day trip</li> <li>• Guidebook Pro: will be able to provide customer a half/full day trip</li> </ul>		
<b>Brief Description:</b> This use case describes how a customer will have the choice to choose a half/full day trip		
<b>Trigger:</b> Customer will select half or full day trip		
<b>Type:</b> External		
<b>Relationships:</b>		
Association: Customer Include: Selecting a trip Extend: View/Look at recommendation Generalization: Recommendation/Information section		
<b>Normal Flow of Events:</b>		
<ol style="list-style-type: none"> <li>1. Customers enter invite code</li> <li>2. Customer will have the option to Sign Up/Log In</li> <li>3. Customers select a trip</li> <li>4. Customer will select a day</li> <li>5. Customer will select a half/full day</li> </ol>		
<b>Sub Flows:</b>		
<ul style="list-style-type: none"> <li>• None Identified</li> </ul>		
<b>Alternate/Exceptional Flows:</b>		
<ol style="list-style-type: none"> <li>1a. Customer have wrong invite code and can't enter website.</li> <li>2a. Customer unable to log in due to wrong information.</li> <li>3a. Customer unable to choose trip due to limited access.</li> <li>4a. Customer unable to choose half/full day trip.</li> </ol>		

### **Use Case Descriptions (use cases 16-18):**

Use case 16: Enter Payment Information

Use Case Name: Enter Payment Information	ID: 16	Importance Level: High
Primary Actor: Customer		Use Case Type: Detail,

	Essential
<p><b>Stakeholders and Interest:</b></p> <ul style="list-style-type: none"> <li>• Customer: Be able to enter payment information for trips</li> <li>• Guidebook Pro: Be able provide a safe payment system for customer to enter their payment information</li> </ul>	
<p><b>Brief Description:</b> This use case describes how guidebook will be able to provide customers with a safe payment system for them to enter their payment information.</p>	
<p><b>Trigger:</b> After selecting a trip date user will be prompted to click on “Book Now”.</p>	
<p><b>Type:</b> External</p>	
<p><b>Relationships:</b></p> <p>Association: Customer</p> <p>Include:</p> <p>Extend: Enter payment information after clicking “Book Now”.</p> <p>Generalization: Payment Information through stripe</p>	
<p><b>Normal Flow of Events:</b></p> <ol style="list-style-type: none"> <li>1. Customers enter invite code</li> <li>2. Customer will have the option to Sign Up/Log In</li> <li>3. Customer will select trip under species, destination, or guides</li> <li>4. Customer will select a date for the trip</li> <li>5. Customer will select half/full day</li> <li>6. Customer will select “Book Now”.</li> <li>7. Customer will be prompted to enter payment information</li> </ol>	
<p><b>Sub Flows:</b></p> <ul style="list-style-type: none"> <li>• None Identified</li> </ul>	
<p><b>Alternate/Exceptional Flows:</b></p> <ol style="list-style-type: none"> <li>1a. Customer have wrong invite code and can't enter website.</li> <li>2a. Customer unable to log in due to wrong information.</li> <li>3a. Customer is unable to select a date due to limited availability.</li> <li>4a. Customer unable to choose trip due to limited access.</li> <li>5a. Customer unable to choose half/full day trip.</li> <li>6a. Customer unable to enter payment information due to system failure.</li> </ol>	

### Use Case 17: Edit Payment Information

Use Case Name: Edit Payment Information	ID:17	Importance Level: High
Primary Actor: Customer		Use Case Type: Detail, Essential

<p><b>Stakeholders and Interests:</b></p> <ul style="list-style-type: none"> <li>• Customer: Be able to edit their payment information if there's a mistake or payment update needed.</li> <li>• Guidebook: Be able to give options to customers to edit their payment information.</li> </ul>
Brief Description: This use case describes how guidebook will allow their customers to have the ability to edit their payment information.
Trigger: Customer will select "Edit payment information" in checkout section
Type: External
<p><b>Relationships:</b></p> <p>Association: Customer</p> <p>Include: Enter Payment Information</p> <p>Extend: Delete Payment Information</p> <p>Generalization: Payment Information through stripe</p>
<p><b>Normal Flow of Events:</b></p> <ol style="list-style-type: none"> <li>1. Customers enter invite code.</li> <li>2. Customer will have the option to Sign Up/Log In</li> <li>3. Customer will select trip under species, destination, or guides.</li> <li>4. Customer will select a date for the trip.</li> <li>5. Customer will select half/full day.</li> <li>6. Customer will select "Book Now".</li> <li>7. Customer will be prompted to enter payment information.</li> <li>8. Customer will have option to edit payment information.</li> </ol>
<p><b>Sub Flows:</b></p> <ul style="list-style-type: none"> <li>• None Identified</li> </ul>
<p><b>Alternate/Exceptional Flows:</b></p> <ol style="list-style-type: none"> <li>1a. Customer have wrong invite code and can't enter website.</li> <li>2a. Customer unable to log in due to wrong information.</li> <li>3a. Customer is unable to select a date due to limited availability.</li> <li>4a. Customer unable to choose trip due to limited access.</li> <li>5a. Customer unable to choose half/full day trip.</li> <li>6a. Customer unable to enter payment information due to system failure.</li> <li>7a. Customer unable to edit payment information due to system failure.</li> </ol>

### Use Case 18: Delete Payment Information

Use Case Name: Delete Payment Information	ID: 18	Importance Level: Low
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<p><b>Primary Actor: Customer</b></p>	<p><b>Use Case Type: Detail, Essential</b></p>
<p><b>Stakeholders and Interests:</b></p> <ul style="list-style-type: none"> <li>• Customer: Be able to delete payment information if needed to.</li> <li>• Guidebook: Be able to give access to customers to have the access to delete their payment information.</li> </ul>	
<p><b>Brief Description:</b> This use case describes how guidebook will be able to give access to customers to delete their payment information.</p>	
<p><b>Trigger:</b> Customer will click on “Delete Payment Information”.</p>	
<p><b>Type:</b> External</p>	
<p><b>Relationships:</b></p> <p>Association: Customer</p> <p>Include: Enter Payment Information</p> <p>Extend:</p> <p>Generalization: Payment Information through stripe</p>	
<p><b>Normal Flow of Events:</b></p> <ol style="list-style-type: none"> <li>1. Customers enter invite code.</li> <li>2. Customer will have the option to Sign Up/Log In</li> <li>3. Customer will select trip under species, destination, or guides.</li> <li>4. Customer will select a date for the trip.</li> <li>5. Customer will select half/full day.</li> <li>6. Customer will select “Book Now”.</li> <li>7. Customer will be prompted to enter payment information.</li> <li>8. Customer will have option to edit payment information.</li> <li>9. Customer will have the option to delete payment information.</li> </ol>	
<p><b>Sub Flows:</b></p> <ul style="list-style-type: none"> <li>• None Identified</li> </ul>	
<p><b>Alternate/Exceptional Flows:</b></p> <ol style="list-style-type: none"> <li>1a. Customer have wrong invite code and can't enter website.</li> <li>2a. Customer unable to log in due to wrong information.</li> <li>3a. Customer is unable to select a date due to limited availability.</li> <li>4a. Customer unable to choose trip due to limited access.</li> <li>5a. Customer unable to choose half/full day trip.</li> <li>6a. Customer unable to enter payment information due to system failure.</li> <li>7a. Customer unable to edit payment information due to system failure.</li> <li>8a. Customer unable to delete payment information due to system failure.</li> </ol>	

Use Case 19: Write on the Blog

<b>Use Case Name:</b> Write on the Blog	<b>ID:</b> 19	<b>Importance Level:</b> Low
<b>Primary Actor:</b> Guide		<b>Use Case Type:</b> Detail, Essential
<b>Stakeholders and Interests:</b>		
<ul style="list-style-type: none"> <li>• Guide: communication with other guides</li> <li>• Customer: read the responses of guides</li> </ul>		
<b>Brief Description:</b> The guides can write and publish on the blog		
<b>Trigger:</b> Guide clicks on “Write on Blog” button on Blog tab		
<b>Type:</b> External		
<b>Relationships:</b>		
<p>Association: Guide</p> <p>Include:</p> <p>Extend: Update Blog</p> <p>Generalization: Blogs in the Blog tab</p>		
<b>Normal Flow of Events:</b>		
<ol style="list-style-type: none"> <li>1. Log into Guidebook</li> <li>2. Guide selects Blog at the top of the tabs Execute The home screen will allow users to select Blog use case</li> <li>3. Guide can select Write on Blog Execute Write on the Blog use case</li> </ol>		
<b>SubFlows:</b> None Identified		
<b>Alternate/Exceptional Flows:</b>		
<ol style="list-style-type: none"> <li>1. Guide is unable to login due to lack of credentials.</li> <li>2. Guide reads blog instead of writing a blog.</li> </ol>		

Use Case 20: Approve the Trip

<b>Use Case Name:</b> Approve the Trip	<b>ID:</b> 20	<b>Importance Level:</b> High		
<b>Primary Actor:</b> Guide	<b>Use Case Type:</b> Detail, Essential			
<b>Stakeholders and Interests:</b> <ul style="list-style-type: none"> <li>Guide: can approve or not approve trip requests</li> <li>Customer: wait to be approved or denied by request</li> </ul>				
<b>Brief Description:</b> The guide can choose between approving or not approving a request for a trip				
<b>Trigger:</b> Guide can either click approve or not approve the trip <b>Type:</b> External				
<b>Relationships:</b> <p>Association: Guide</p> <p>Include:</p> <p>Extend: Cancel the trip before being approved</p> <p>Generalization: Approving trips</p>				
<b>Normal Flow of Events:</b> <ol style="list-style-type: none"> <li>1. The Guide logs onto Guidebook.</li> <li>2. Executes use case (01) log on to GuideBookCo.com</li> <li>3. The Guide clicks on trip requests.</li> <li>4. The Guide either clicks approve trip or deny trip.</li> </ol>				
<b>SubFlows:</b> None Identified				
<b>Alternate/Exceptional Flows:</b> <ol style="list-style-type: none"> <li>1. Guide is unable to login due to lack of credentials.</li> <li>2. Guide is unable to access trip requests.</li> <li>3. Guide is unable to approve or deny trips.</li> </ol>				

## Use Case 21: Select Trip Date

<b>Use Case Name:</b> Select Trip Date	<b>ID:</b> 21	<b>Importance Level:</b> High
<b>Primary Actor:</b> Customer		<b>Use Case Type:</b> Detail, Essential
<b>Stakeholders and Interests:</b>		
<ul style="list-style-type: none"><li>• Guide: will have dates to be selected</li><li>• Customer: wants to select a trip date</li></ul>		
<b>Brief Description:</b> The customer will select the trip date for the desired expedition.		
<b>Trigger:</b> Customer clicks on trip to find select trip date.		
<b>Type:</b> External		
<b>Relationships:</b>  Association: Customer  Include:  Extend: Update trip date.  Generalization: Select date based on selected trip.		
<b>Normal Flow of Events:</b> <ol style="list-style-type: none"><li>1. The customer logs onto the website Executes use case (01) log on to GuideBookCo.com</li><li>2. The customer selects featured trips tab Executes use case (09) select from featured trips.</li><li>3. The customer selects trip date.</li></ol>		
<b>SubFlows:</b> None Identified		
<b>Alternate/Exceptional Flows:</b> <ol style="list-style-type: none"><li>1. Customer is unable to login due to lack of credentials.</li><li>2. Customer selects top destinations.</li><li>3. Customer is unable to select date due to lack of availability.</li></ol>		

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## Use Case 22: List trip on GuideBook

<b>Use Case Name:</b> List trip on GuideBook	<b>ID:</b> 22	<b>Importance Level:</b> High
<b>Primary Actor:</b> Guide		<b>Use Case Type:</b> Detail, Essential
<b>Stakeholders and Interests:</b>		
<ul style="list-style-type: none"> <li>Guide: wants to list a trip to be booked.</li> <li>Customer: wants to be able to book a trip.</li> </ul>		
<b>Brief Description:</b> The Guide can list a new trip on the website.		
<b>Trigger:</b> The Guide clicks “List New Trip” on the Guide tab.		
<b>Type:</b> External		
<b>Relationships:</b>		
<p>Association: Guide</p> <p>Include:</p> <p>Extend: Delete Trip</p> <p>Generalization: List new trip</p>		
<b>Normal Flow of Events:</b>		
<ol style="list-style-type: none"> <li>The Guide logs onto the website. Executes use case (01) log on to GuideBookCo.com</li> <li>The Guide clicks on “List New Trip” on the Guide tab.</li> </ol>		
<b>SubFlows:</b> None Identified		
<b>Alternate/Exceptional Flows:</b>		
<ol style="list-style-type: none"> <li>Guide is unable to login due to lack of credentials.</li> <li>Guide deletes listed trip.</li> </ol>		

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|------------------------------|
| 3. Guide never lists a trip. |
|------------------------------|

Use Case 23: Edit Listed Trips

<b>Use Case Name:</b> Edit Listed Trips	<b>ID:</b> 23	<b>Importance Level:</b> Low		
<b>Primary Actor:</b> Guide	<b>Use Case Type:</b> Detail, Essential			
<b>Stakeholders and Interests:</b>				
<ul style="list-style-type: none"> <li>Guide: wants to change information on a trip.</li> <li>Customer: wants to book a trip.</li> </ul>				
<b>Brief Description:</b> A guide can edit their available trips on the website.				
<b>Trigger:</b> Guide clicks on “Edit Trips” on their available trips.				
<b>Type:</b> External				
<b>Relationships:</b>				
<p>Association: Guide</p> <p>Include:</p> <p>Extend: Update trips</p> <p>Generalization: Modify information</p>				
<b>Normal Flow of Events:</b>				
<ol style="list-style-type: none"> <li>1. The Guide logs onto the website. Executes use case (01) log on to GuideBookCo.com</li> <li>2. The Guide clicks on their available trips.</li> <li>3. The Guide clicks on Edit Trips. Executes use case (23) edit listed trips.</li> </ol>				
<b>SubFlows:</b> None Identified				
<b>Alternate/Exceptional Flows:</b>				
<ol style="list-style-type: none"> <li>1. Guide is unable to login due to lack of credentials.</li> </ol>				

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| <ol style="list-style-type: none"> <li>2. Guide deletes listed trip.</li> <li>3. Guide never updates listed trip.</li> </ol> |
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#### Use Case 24: Schedule Trip Dates

<b>Use Case Name:</b> Schedule trip dates	<b>ID:</b> 24	<b>Importance Level:</b> High
<b>Primary Actor:</b> Guide		<b>Use Case Type:</b> Detail, Essential
<b>Stakeholders and Interests:</b>		
<ul style="list-style-type: none"> <li>Guide: making a trip that works with certain dates</li> <li>Customer: selecting an existing trip to book</li> </ul>		
<b>Brief Description:</b> The guide can select the available dates that can be booked for a specific trip.		
<b>Trigger:</b> Guide selects new trip and makes available dates to book		
<b>Type:</b> External		
<b>Relationships:</b>		
Association: Guide Include: Extend: Can select for multiple dates at a time Generalization: Scheduling trips		
<b>Normal Flow of Events:</b>		
<ol style="list-style-type: none"> <li>1. The Guide logs onto the website. Executes use case (01) log on to GuideBookCo.com</li> <li>2. The Guide selects new trip.</li> <li>3. The Guide selects the destination for the trip.</li> <li>4. The Guide selects the available dates for the trip.</li> </ol>		
<b>SubFlows:</b> None identified		

**Alternate/Exceptional Flows:**

1. Guide is unable to login due to lack of credentials.
2. Guide can't make new trip.
3. Guide edits preexisting trips available dates.

Use Case 25: Log in as a Guide

<b>Use Case Name:</b> Log in as a Guide	<b>ID:</b> 25	<b>Importance Level:</b> High
<b>Primary Actor:</b> Guide		<b>Use Case Type:</b> Essential
<b>Stakeholders and Interests:</b> <ul style="list-style-type: none"><li>• <b>Guide:</b> wants to access the website's functionalities and resources tailored to their role.</li><li>• <b>Website:</b> ensures secure authentication.</li></ul>		
<b>Brief Description:</b> This use case describes how the guides can login to the website as a guide and not a customer.		
<b>Trigger:</b> Guide clicks on 'Are you a guide?' link on top ribbon. <b>Type:</b> External		
<b>Relationships:</b> <i>Association: Guide</i>		
<b>Normal Flow of Events:</b> <ol style="list-style-type: none"><li>1. The guide enters the website.</li><li>2. The guide clicks the "Are you a guide?" option on the homepage.<ol style="list-style-type: none"><li>a. <i>Executes use-case (25) to login as a guide.</i></li></ol></li><li>3. The website presents the login interface.</li><li>4. The guide enters their valid username and password.</li><li>5. The system authenticates the guide's info and grants them access.</li></ol>		
<b>SubFlows:</b> <ul style="list-style-type: none"><li>• <i>None Identified</i></li></ul>		
<b>Alternate/Exceptional Flows:</b> <ol style="list-style-type: none"><li>1a. The website displays an error message indicating incorrect username or password.</li><li>2a. The guide is prompted to re-enter their credentials.</li></ol>		

- 3a. Guide is unable to login due to lack of credentials.
- 4a. Guide's authentication is rejected and is unable to access the website.
- 5a. Guide is unable to access guide-specific functionalities due to limited access.

#### Use Case 26: View Southern Culture on the Fly Photo Catalog

<b>Use Case Name:</b> View Southern Culture on the Fly Photo Catalog	<b>ID:</b> 26	<b>Importance Level:</b> Low
<b>Primary Actor:</b> Customer		<b>Use Case Type:</b> Essential
<b>Stakeholders and Interests:</b>		
<ul style="list-style-type: none"> <li>• <b>Customer:</b> wants to browse through the catalog of photos.</li> <li>• <b>Website:</b></li> </ul>		
<b>Brief Description:</b> Takes customers to an online catalog featuring photos from trips taken on GuideBook.		
<b>Trigger:</b> Customer clicks on 'Fly Photo Catalog' link at the bottom of the website.		
<b>Type:</b> External		
<b>Relationships:</b>		
<i>Association: Customer</i>		
<b>Normal Flow of Events:</b>		
<ol style="list-style-type: none"> <li>6. The customer enters the website.</li> <li>7. The customer logs into their account.</li> <li>8. The website validates their credentials.</li> <li>9. The customer goes to the bottom of the website and clicks on the "Fly Photo Catalog".             <ol style="list-style-type: none"> <li>b. <i>Executes use-case (26) to view catalog.</i></li> </ol> </li> <li>10. The website redirects the customer to the Southern Culture on the Fly Photo Catalog.</li> <li>11. The customer successfully views the catalog</li> </ol>		
<b>SubFlows:</b>		
<ul style="list-style-type: none"> <li>• <i>None Identified</i></li> </ul>		

**Alternate/Exceptional Flows:**

- 1a. User is unable to login due to invalid credentials.
- 2a. Link to the catalog doesnt work and the user isnt redirected.

Use Case 27: Click Instagram Link

<b>Use Case Name:</b> Click Instagram Link	<b>ID:</b> 11	<b>Importance Level:</b> Low
<b>Primary Actor:</b> Customer		<b>Use Case Type:</b> Essential

**Stakeholders and Interests:**

- **Customer:** wants to access GuideBook's Instagram page
- **Website:** brings traffic to GuideBook's Instagram page.

**Brief Description:** This use case describes how a customer can click the link and be redirected to GuideBook's Instagram.. .

**Trigger:** User clicks on the instagram icon at the bottom of the page.

**Type:** External

**Relationships:**

*Association: Customer*

**Normal Flow of Events:**

12. The customer enters the website.
13. The customer logs into their account.
14. The website validates their credentials.
15. The customer goes to the bottom of the website and clicks on the instagram icon.
  - c. Executes use-case (27) to click the link and view GuideBook's Instagram.
16. The website redirects the customer to Guidebook's Instagram.
17. GuideBook's Instagram page is displayed on the customer's web browser or Instagram app.

**SubFlows:**

- *None Identified*

**Alternate/Exceptional Flows:**

- 1a. User is unable to login due to invalid credentials.

2a. Link to GuideBook's Instagram doesn't work and the customer isn't redirected.

### Use Case 28: Click Facebook Link

<b>Use Case Name:</b> Click Facebook Link	<b>ID:</b> 28	<b>Importance Level:</b> Low
<b>Primary Actor:</b> Customer		<b>Use Case Type:</b> Essential
<b>Stakeholders and Interests:</b>		
<ul style="list-style-type: none"><li><b>Customer:</b> wants to access GuideBook's Facebook page.</li><li><b>Website:</b> brings traffic to Guidebook's Facebook page.</li></ul>		
<b>Brief Description:</b> This use case describes how the customer is able to click the link and be redirected to GuideBook's Facebook.		
<b>Trigger:</b> Customer clicks on the facebook icon on the lower section of the website.		
<b>Type:</b> External		
<b>Relationships:</b> <i>Association: Customer</i>		
<b>Normal Flow of Events:</b> 18. The customer enters the website. 19. The customer logs into their account. 20. The website validates their credentials. 21. The customer goes to the bottom of the website and clicks on the Facebook icon. d. Executes use-case (28) to click the link and view GuideBook's Facebook. 22. The website redirects the customer to Guidebook's Facebook. 23. GuideBook's Facebook page is displayed on the customer's web browser or Facebook app.		
<b>SubFlows:</b> <ul style="list-style-type: none"><li><i>None Identified</i></li></ul>		
<b>Alternate/Exceptional Flows:</b> 1a. User is unable to login due to invalid credentials. 2a. Link to GuideBook's Facebook doesn't work and the customer isn't redirected.		

## Use Case 29: Click Youtube Link

<b>Use Case Name:</b> Click Youtube Link	<b>ID:</b> 29	<b>Importance Level:</b> Low
<b>Primary Actor:</b> Customer		<b>Use Case Type:</b> Essential
<b>Stakeholders and Interests:</b>		
<ul style="list-style-type: none"><li>• <b>Customer:</b> wants to access GuideBook's Youtube page.</li><li>• <b>Website:</b> brings traffic to GuideBook's Youtube page.</li></ul>		
<b>Brief Description:</b> This use case describes how the customer is able to click the link and be redirected to GuideBook's YouTube.		
<b>Trigger:</b> Customer clicks on the Youtube icon on the lower section of the website. <b>Type:</b> External		
<b>Relationships:</b> <i>Association: Customer</i>		
<b>Normal Flow of Events:</b> 24. The customer enters the website. 25. The customer logs into their account. 26. The website validates their credentials. 27. The customer goes to the bottom of the website and clicks on the Youtube icon. e. Executes use-case (29) to click the link and view GuideBook's Youtube. 28. The website redirects the customer to Guidebook's Youtube. 29. GuideBook's Youtube page is displayed on the customer's web browser or Youtube app.		
<b>SubFlows:</b> <ul style="list-style-type: none"><li>• None Identified</li></ul>		
<b>Alternate/Exceptional Flows:</b> 1a. User is unable to login due to invalid credentials. 2a. Link to GuideBook's Youtube doesnt work and the customer isnt redirected		

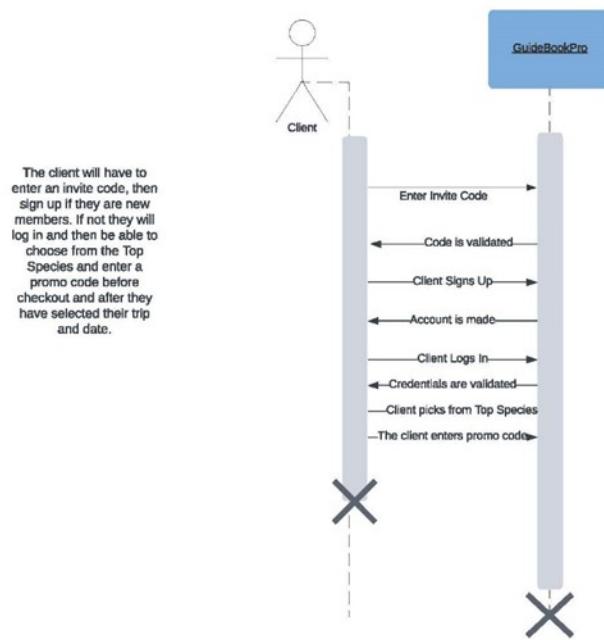
## Use Case 30: Enter to the Blog

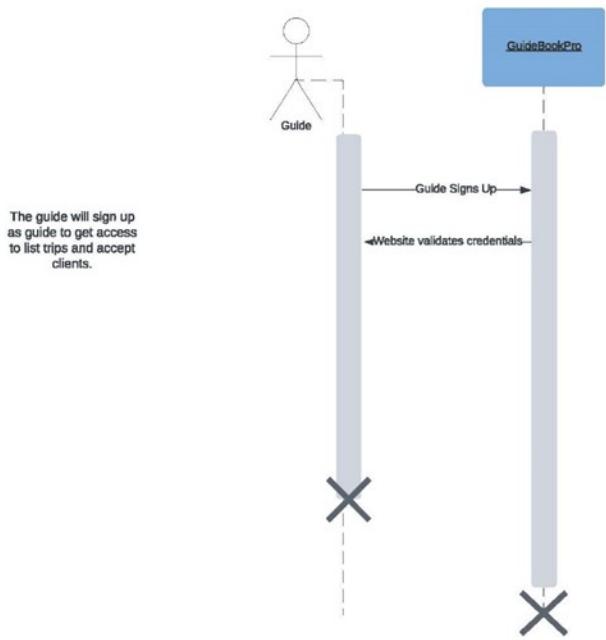
<b>Use Case Name:</b> Enter to the Blog	<b>ID:</b> 30	<b>Importance Level:</b> Low
---	---------------	------------------------------

<b>Primary Actor:</b> Customer	<b>Use Case Type:</b> Essential
<b>Stakeholders and Interests:</b>	
<ul style="list-style-type: none"> <li>• <b>Customer:</b> wants to access GuideBook's Blog and see the posts made by the guides.</li> <li>• <b>Website:</b></li> </ul>	
<b>Brief Description:</b> This use case describes how the customer can enter the blog section.	
<b>Trigger:</b> Customer clicks on 'Blog' button on the ribbon at the top of the homepage.	
<b>Type:</b> External	
<b>Relationships:</b>	
<i>Association: Customer</i>	
<b>Normal Flow of Events:</b>	
<p>30. The customer enters the website.</p> <p>31. The customer logs into their account.</p> <p>32. The website validates their credentials.</p> <p>33. The customer goes to the top of the website and clicks on the "Blog" tab.</p> <p>    f. Executes use-case (30) to click "Blog" on the ribbon and view GuideBook's Blog.</p> <p>34. GuideBook's Blog page is displayed on the customer's web browser.</p> <p>35. The customer is able to view the posts made by the guides.</p>	
<b>SubFlows:</b>	
<ul style="list-style-type: none"> <li>• <i>None Identified</i></li> </ul>	
<b>Alternate/Exceptional Flows:</b>	
<p>1a. User is unable to login due to invalid credentials.</p> <p>2a. the website fails to open the blog</p>	

#### 4. Sequence Diagrams

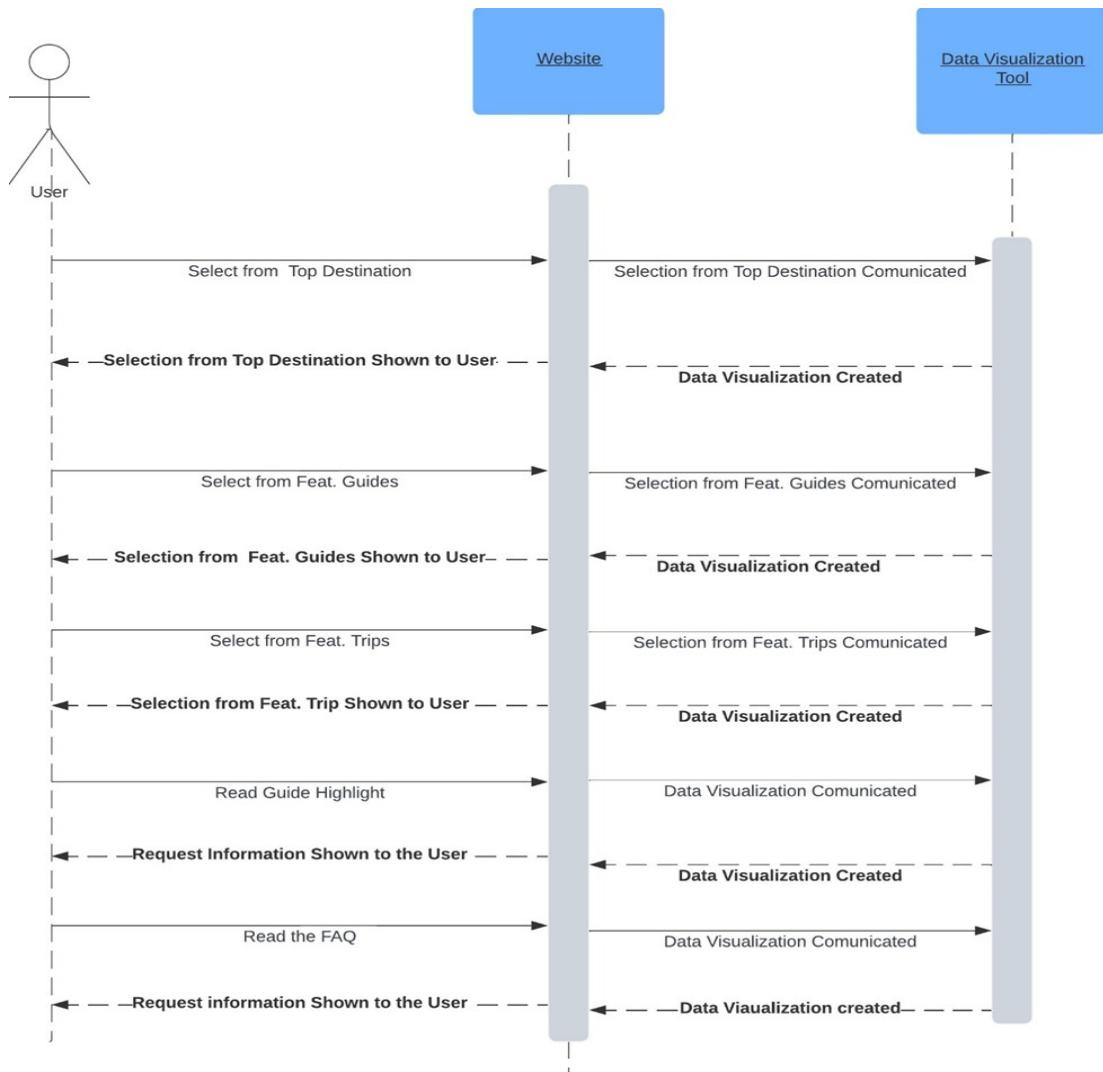
**Use Cases 1 – 6 & 32**



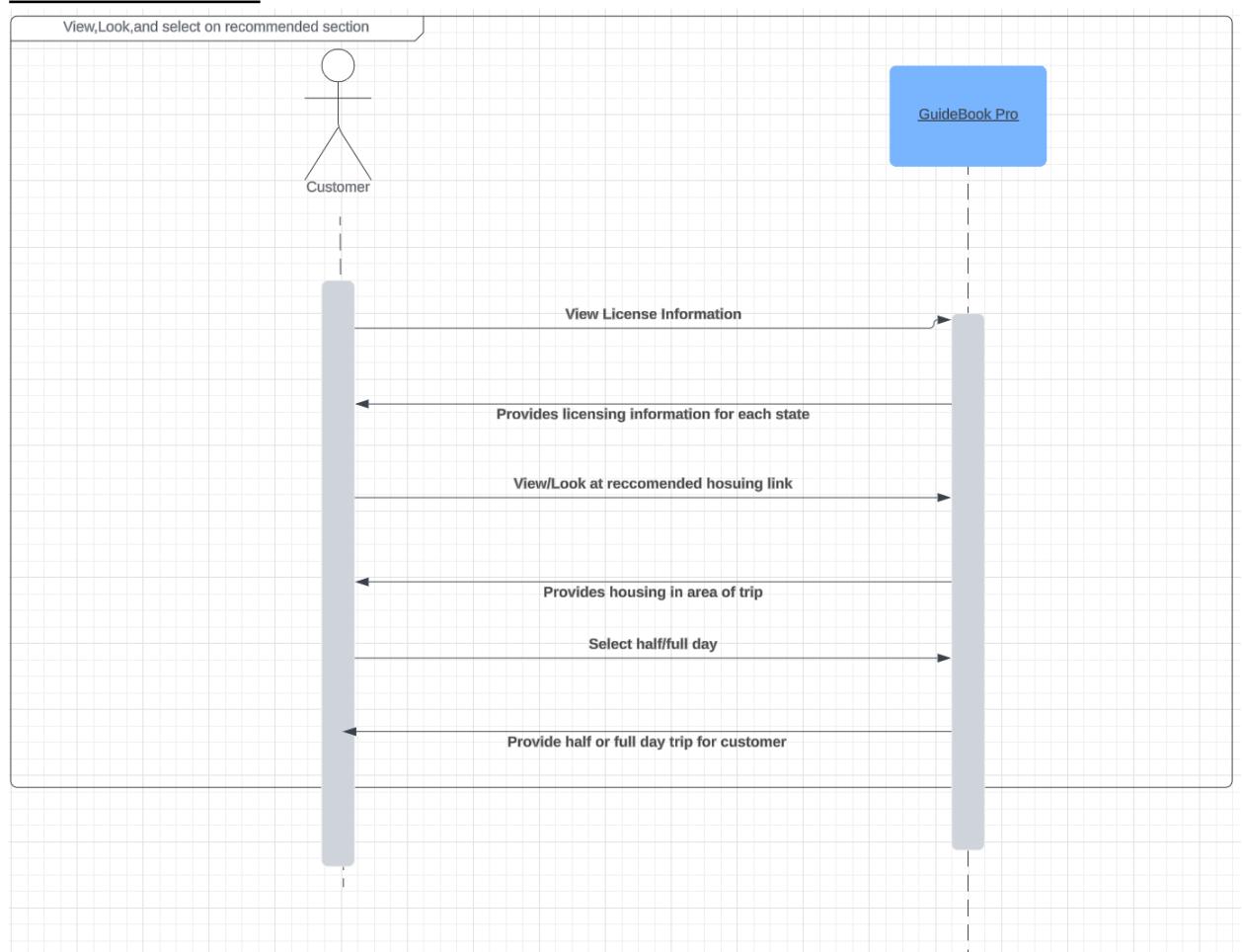


This diagram shows the flow between the subscriber and two systems, GuideBookPro and Alchemer. Alchemer will act much like a behind-the-scenes management system for the GuideBookPro system. The subscriber will interact directly with GuideBookPro, while Alchemer will validate and update GuideBookPro's requests, which are based on user inputs.

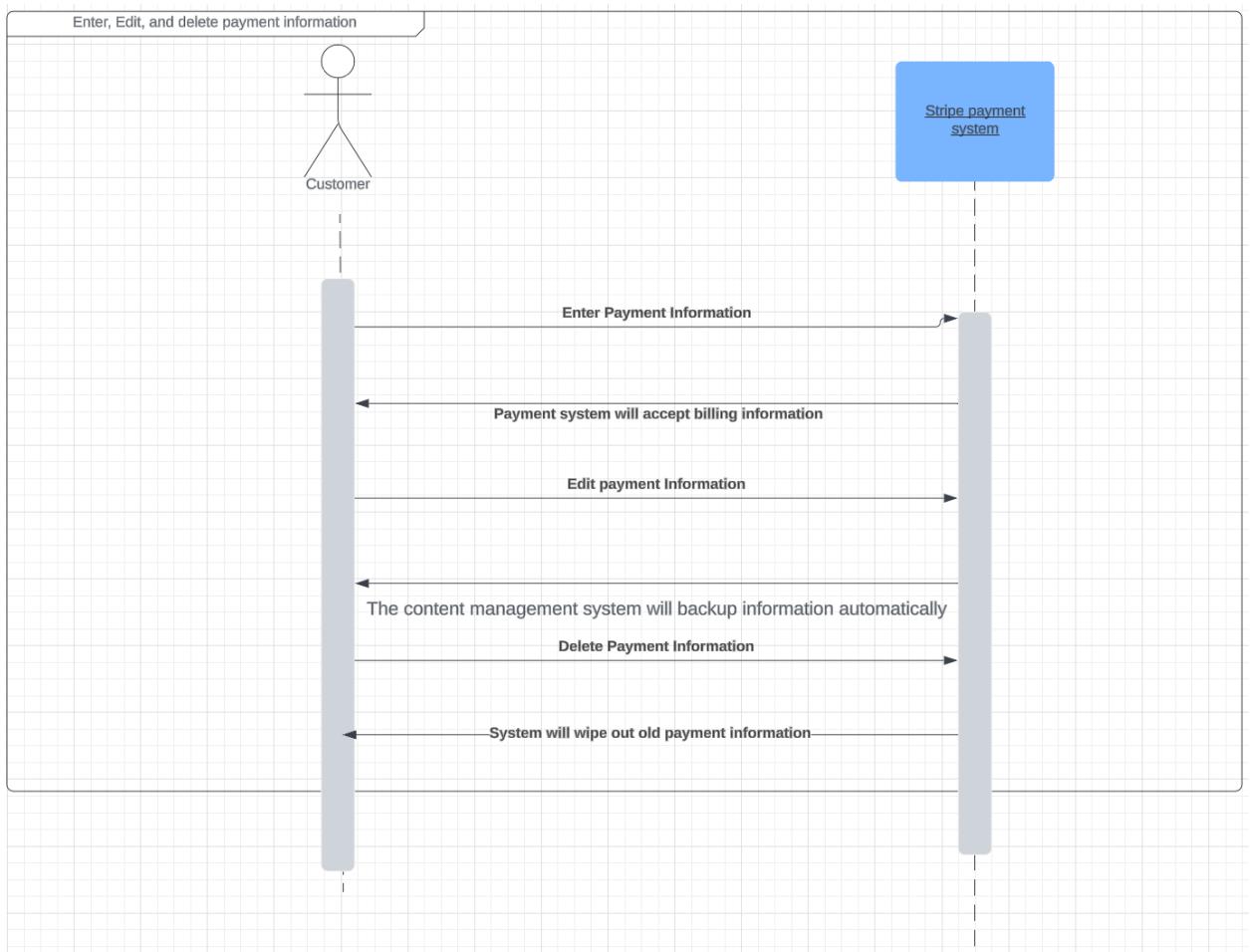
### Use Cases 07-12:



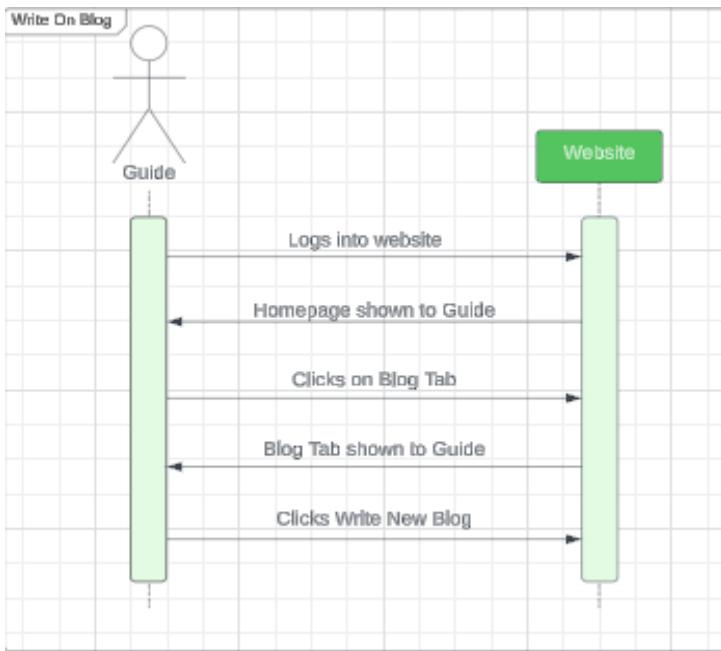
### **Use cases 13-15:**



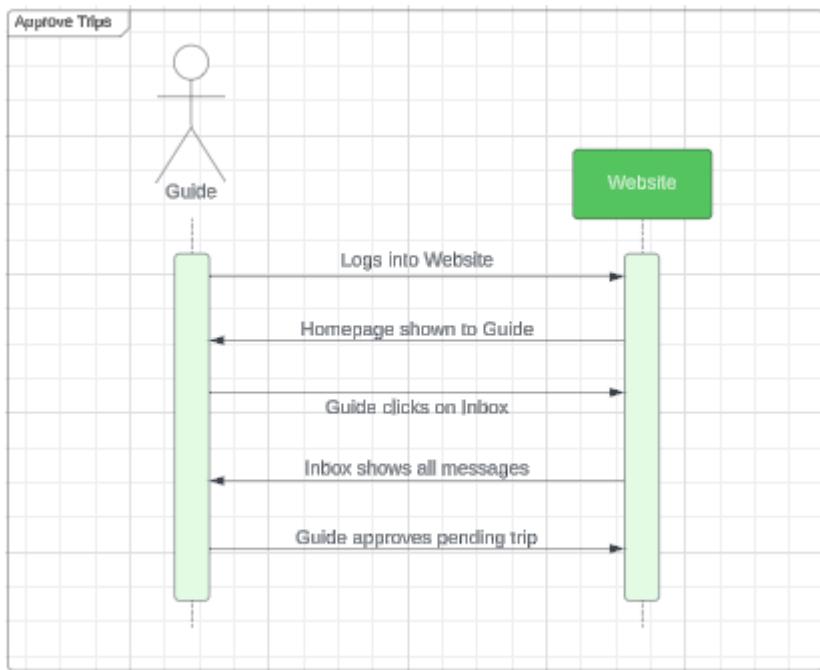
### **Use cases 16-18:**



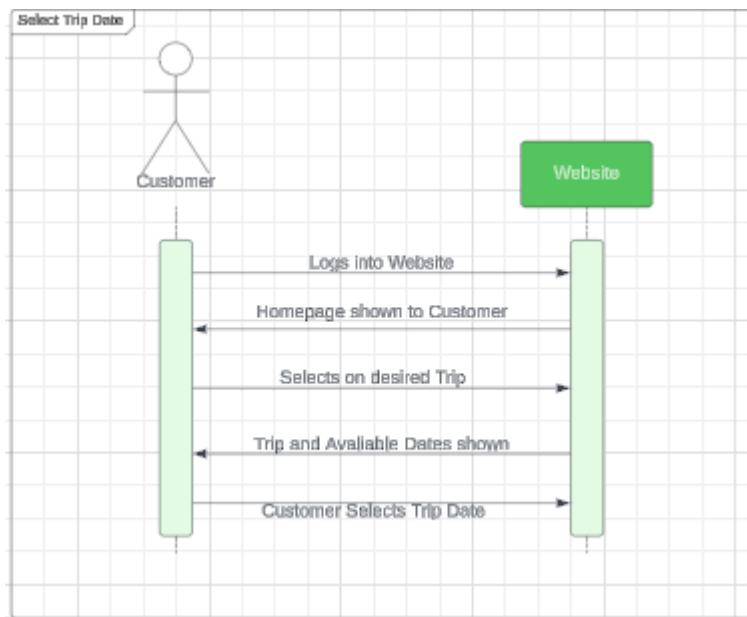
### **Use Case 19:**



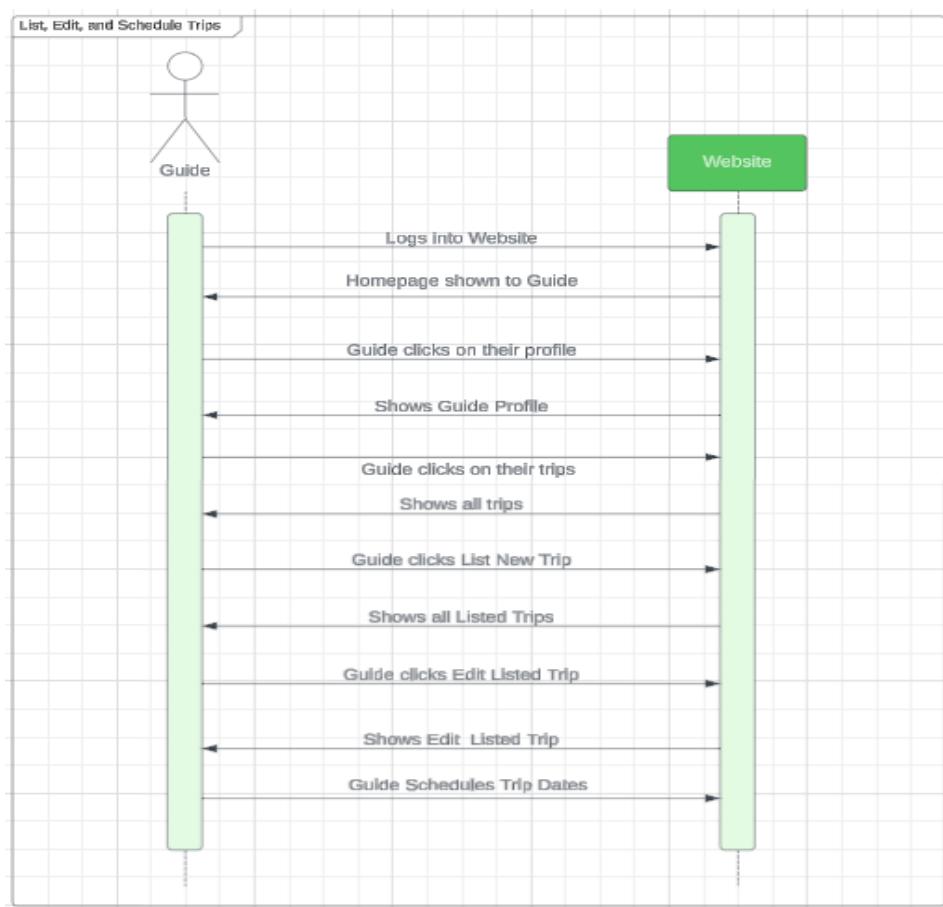
### **Use Case 20:**



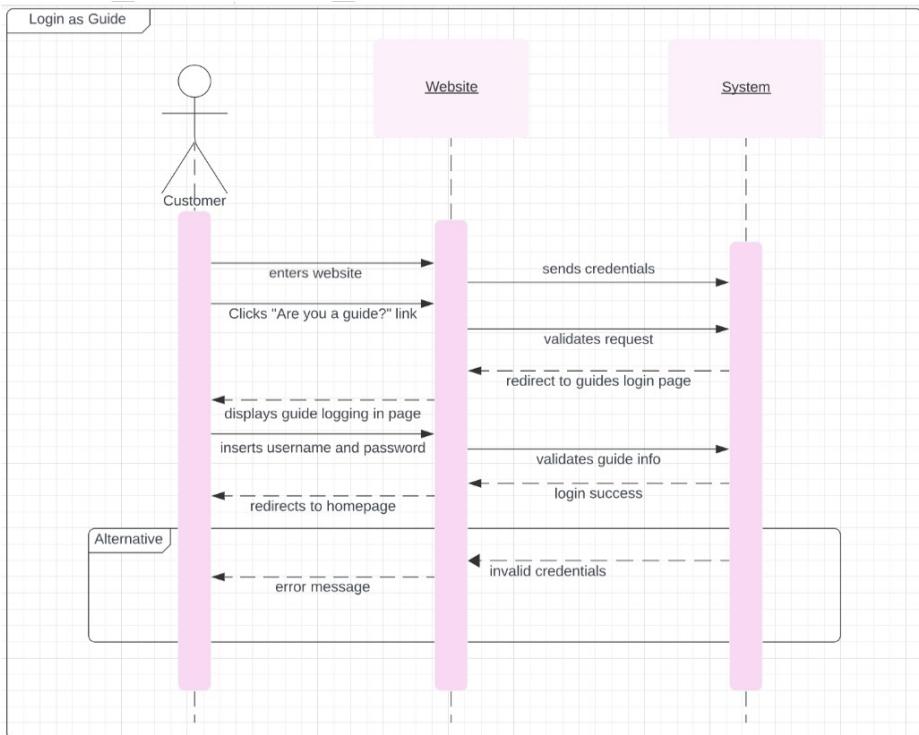
### Use Case 21:



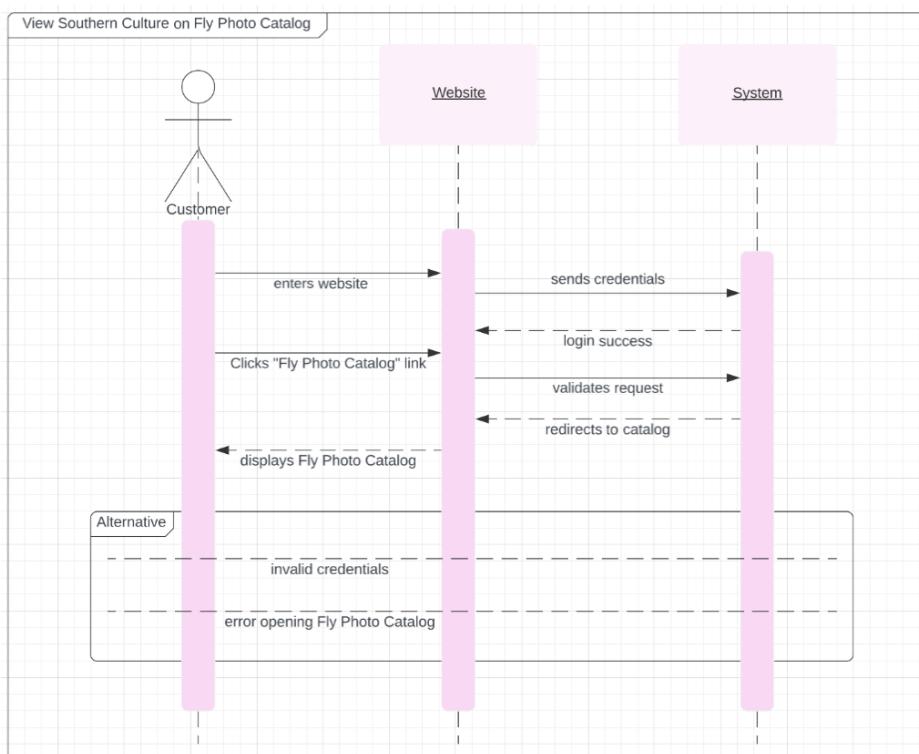
### Use Case 22-24:



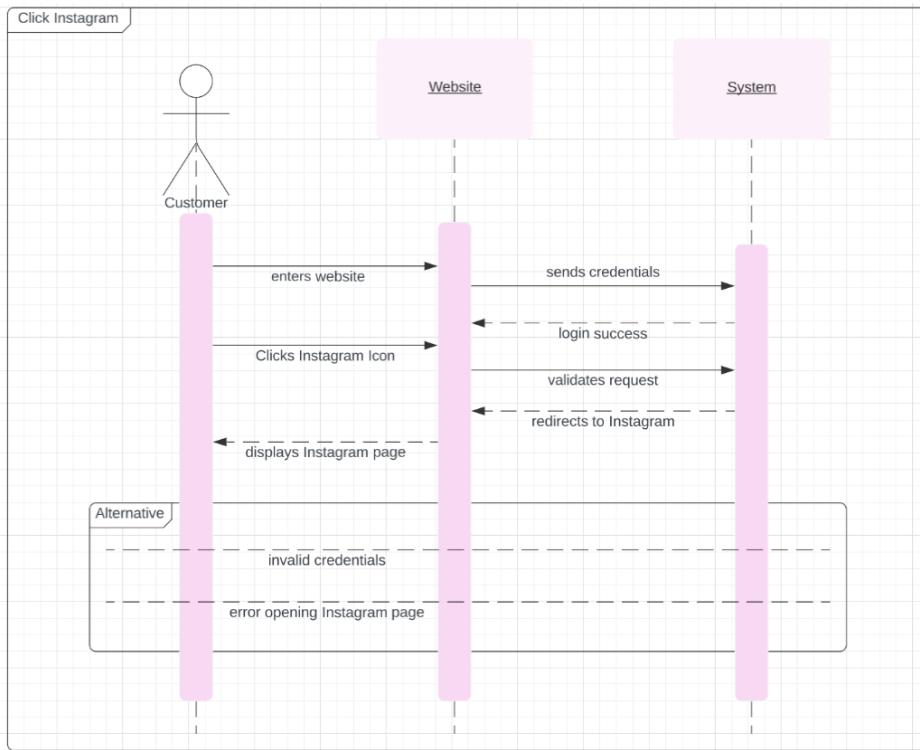
## Use case 25



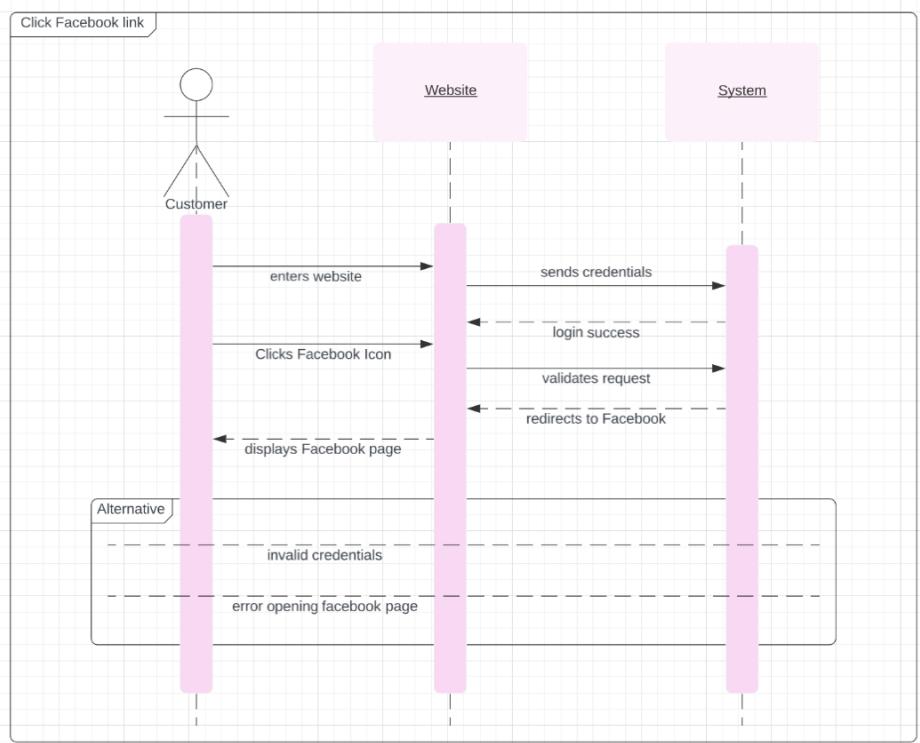
## Use case 26



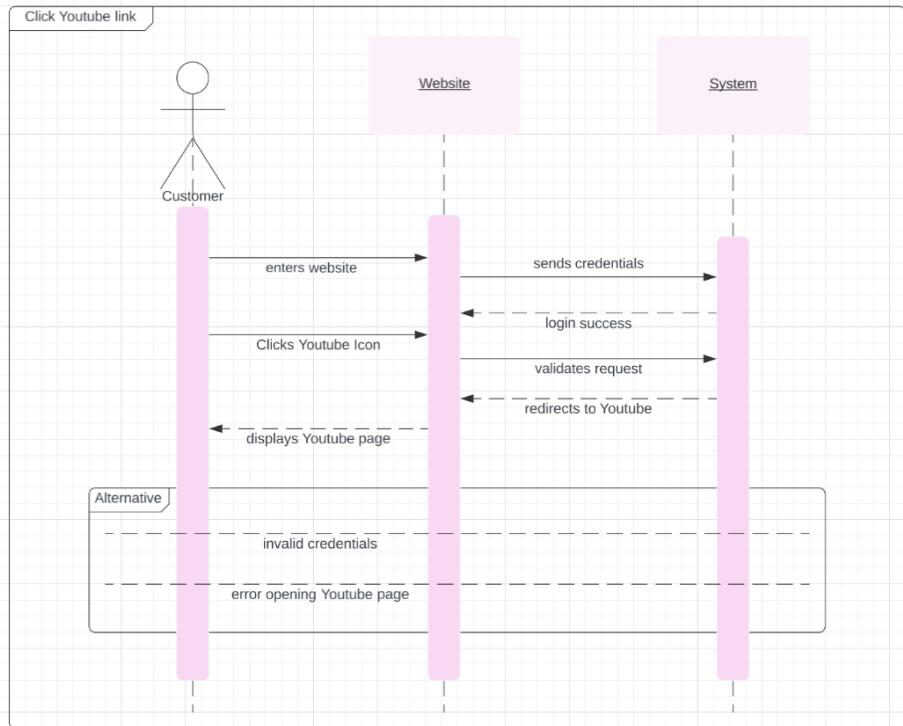
## Use case 27



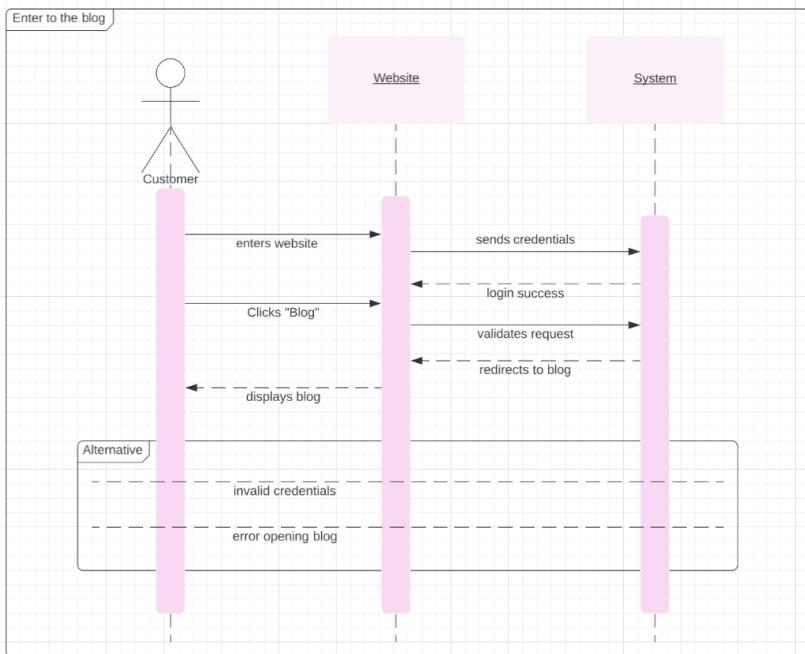
## Use case 28



## Use case 29



## Use case 30

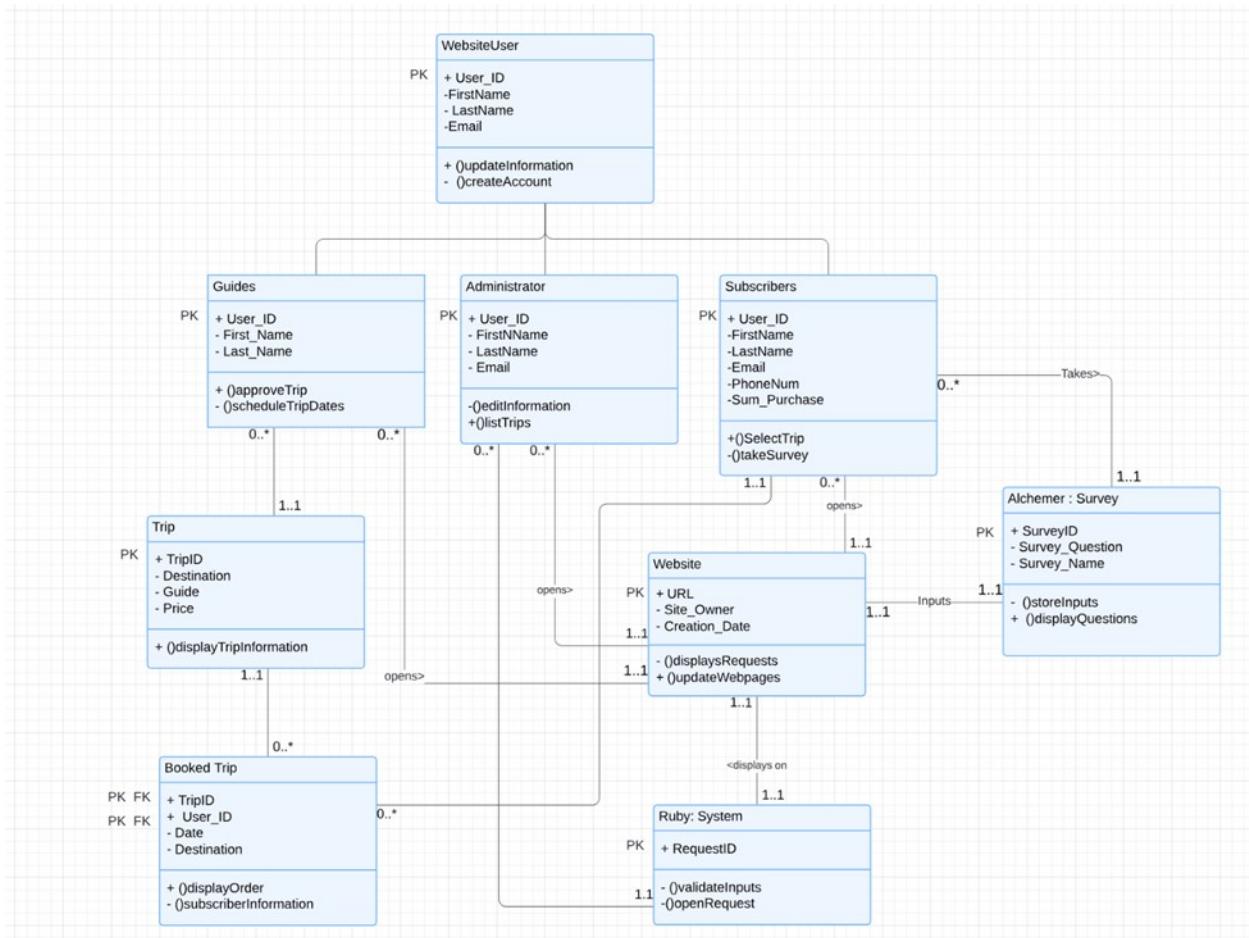


## 5. Class Diagram(s)

### a. Class Diagram Narrative

The class diagram provides a comprehensive view of all the classes involved in the system. A class usually being a noun that receives or does an action. Each class holds some form of relationship with another class. For example, the website user is a logical supertype class type that represents just any user while the realistic users of this system [GuideBook Pro] are the subscribers, guides, and administrators. In each class, you can see attributes that describe the characteristics of a class, and operations, which are actions that a class can perform. The lines in the diagram represent the relationship between the classes. These relationships demonstrate how each class interacts with one another.

### b. Class Diagram

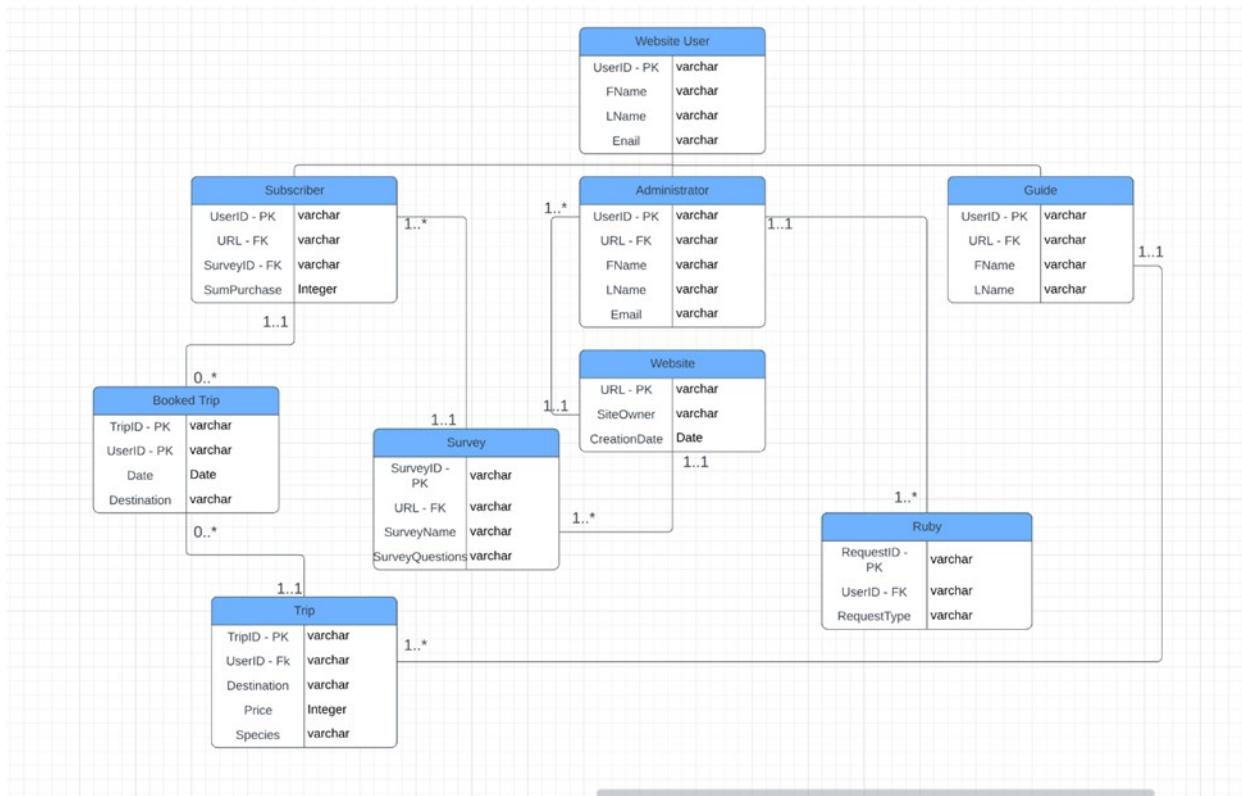


## 6. Database Design and Data Definitions

### a. Database Narrative

The database design that we created for the GuideBook website was made based on several tables interconnected by relationships. This diagram is representative of how the classes would look and work amongst each other in a database. This includes each entity having a unique identifier as a primary key, and appropriately distributing foreign keys to ensure both referential and entity integrity rules. Also, the foreign keys are useful in establishing relationships among the entities. For this project's purposes, we normalized the table to 3NF, which rids each class of partial and transitive dependencies. Information regarding the Guidebook Pro system can be stored within the database and drawn out for whatever purposes through queries. These queries can help drive business decisions, determine metrics, and be used for reporting.

### b. Database Diagram



### c. Database Definitions

#### Website User

Attribute	Definition	Type	Size	Key
<u>UserID</u>	Unique identifier for website user ID number	Unsigned long	4 Bytes	Primary Key
<u>FName</u>	User's first name	String	255 bytes	No
<u>LName</u>	User's last name	String	255 bytes	No
<u>Email</u>	User's email	String	255 bytes	No

#### Subscriber

Attribute	Definition	Type	Size	Key
<u>UserID</u>	Unique identifier for Subscriber's userID number	Unsigned long	4 bytes	Primary Key
<u>URL</u>	Subscriber URL website	Unsigned long	255 bytes	Foreign Key
<u>SurveyID</u>	Subscriber survey ID number	Unsigned long	4 bytes	Foreign Key
<u>SumPurchase</u>	Running total of money, the Subscriber has spent on Guidebook	Integer	4 bytes	No

#### Administrator

Attribute	Definition	Type	Size	Key
<u>UserID</u>	Subscriber's ID number	Unsigned long	4 bytes	Primary Key
<u>URL</u>	Subscriber URL website	Unsigned long	255 bytes	Foreign Key

<i>FName</i>	Administrator's First Name	String	255 bytes	No
<i>LName</i>	Administrator's Last Name	String	255 bytes	No
<i>Email</i>	Administrator's email	string	255 bytes	No

### Guide

Attribute	Definition	Type	Size	Key
<i>UserID</i>	This serves as a unique identifier for Guide ID number	Unsigned long	4 bytes	Primary Key
<i>URL</i>	Guide's URL Website	Unsigned long	255 bytes	Foreign Key
<i>FName</i>	Guide's First Name	String	255 bytes	No
<i>LName</i>	Guide's last Name	String	255 bytes	No

### Trip

Attribute	Definition	Type	Size	Key
<i>TripID</i>	This serves as an identifier of the specific trip	string	4 bytes	Primary Key
<i>Destination</i>	The location where the fly fishing will take place	string	255 bytes	N/A
<i>Species</i>	Primary species being fished for	string	255 bytes	N/A
<i>Price</i>	The cost of the trip; just the trip itself	Integer	10 bytes	N/A
<i>UserID</i>	This serves as	string	4 bytes	Foreign Key

	a unique identifier for a specific user. In this case the user ID will always reference an <i>existing</i> guide since it is the primary key of the Guide table.			
--	--	--	--	--

### BookedTrip

Attribute	Definition	Type	Size	Key
<u>TripID</u>	Trip's ID Number	Unsigned long	4 bytes	Primary Key and Foreign Key
<u>UserID</u>	User's ID Number	Unsigned long	4 bytes	Primary Key and Foreign Key
<u>Date</u>	Date of the Trip	Date	255 bytes	No
<u>Destination</u>	Destination of The Trip	String	255 bytes	No

### Website

Attribute	Definition	Type	Size	Key
<u>URL</u>	Unique identifier of the website	Unsigned long	255 Bytes	Primary key
<u>SiteOwner</u>	Owner that own rights to the website	String	4 Bytes	No
<u>CreationDate</u>	Date website created	Date	4 Bytes	No

### Survey

Attribute	Definition	Type	Size	Key
<u>SurveyID</u>	Unique identifier for each survey made	Unsigned long	4 Bytes	Primary Key
<u>URL</u>	Unique Identifier for each website	Unsigned long	255 Bytes	Foreign Key
<u>SurveyQuestions</u>	List of questions for each user	String		No
<u>SurveyName</u>	The name of the survey	String	4 Bytes	No

## Ruby

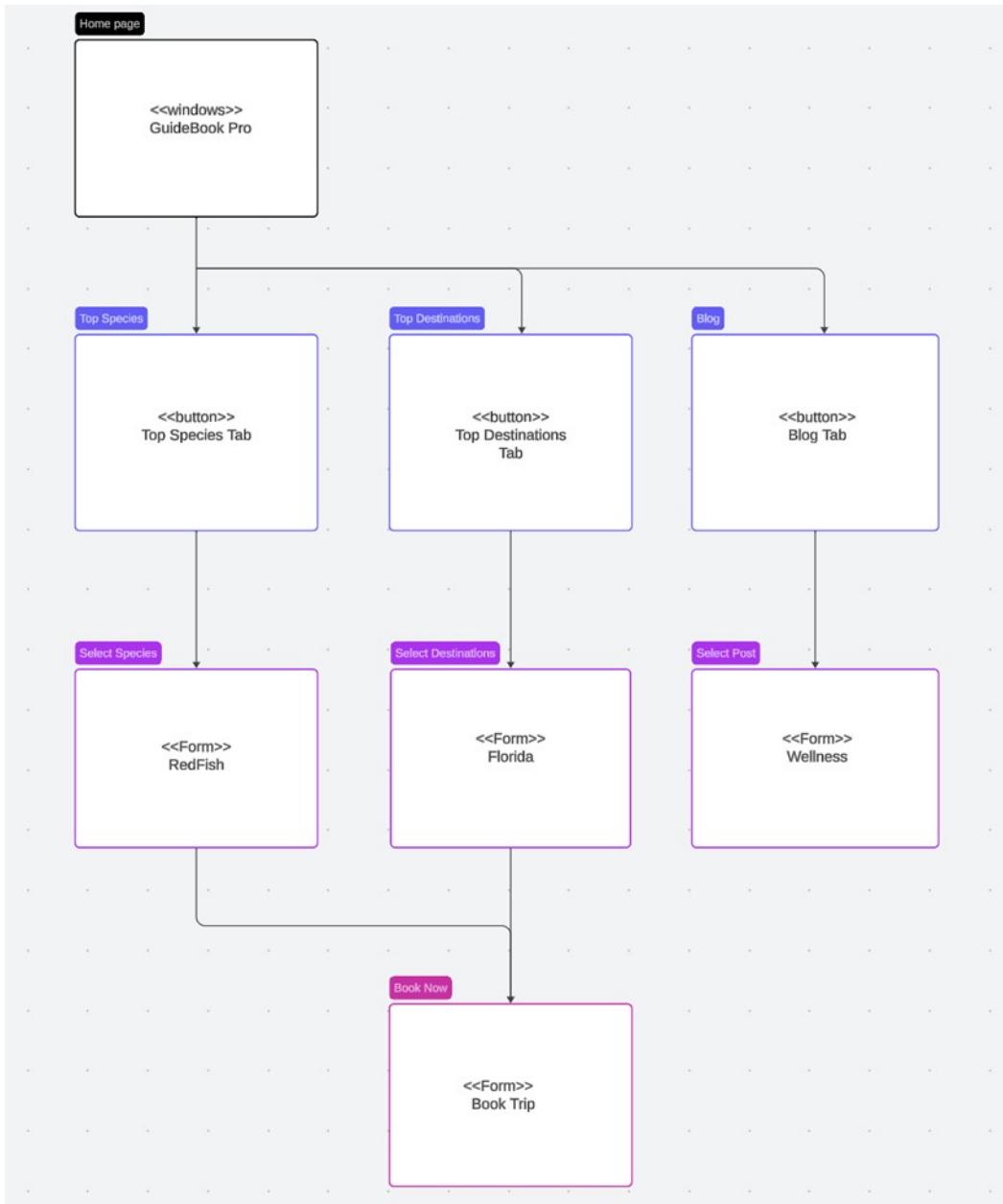
Attribute	Definition	Type	Size	Key
<u>UserID</u>	Unique identifier for administrator	Unsigned long	255 Bytes	Foreign Key
<u>RequestID</u>	Unique Identifier for content management system	Unsigned long	4 Bytes	Primary Key
<u>RequestType</u>	Type of request needed from ruby	String	4 Bytes	No

## 7. User Interface Navigation Diagram and Screen Layouts

### a. User Interface Navigation Diagram Narrative

The interface diagram for guidebook pro shows the basic concept of how to interact with the system. You first get to the windows home page of guidebook pro, then you have three button tabs to click on. Out of the three button tabs two of them can take you to book a trip by specie or destination. From there you can book a trip.

### b. User Interface Navigation Diagram



### c. Screen Layouts

- **Home Page**

# SURVEY

HAVE YOU EVER BEEN FISHING BEFORE?

YES

OR

NO

CHOOSE PREFERENCES FROM OUR TOP SPECIES (SELECT AS MANY AS YOU WANT)

REDFISH



CATFISH



FLounder



BONEFISH



BLUEFISH



CHOOSE PREFERENCES FROM OUR TOP DESTINATIONS (SELECT AS MANY AS YOU WANT)

FLORIDA



ALASKA



MONTANA



NORTH CAROLINA



CALIFORNIA



SUBMIT

## Guide Book

Create your account

Email:

Password:

Password Confirmation:

CREATE YOUR ACCOUNT

---- Or continue with ----

G GOOGLE

ALREADY HAVE AN ACCOUNT? [SIGN IN](#)

## Guide Book

Sign in to your account

Email:

Password:

Remember Me

[FORGOT YOUR PASSWORD?](#)

SIGN IN

---- Or continue with ----

G GOOGLE

NEED AN ACCOUNT? [SIGN UP](#)

## Guide Book

Gain exclusive access

Enter your invite code:

[ENTER GUIDEBOOKPRO](#)

To enter GuideBookPro you must have an invite code  
from a current member.

DON'T HAVE A CODE? [RETURN TO HOME PAGE](#)

[Are you a Guide?](#)

## WELCOME TO GUIDEBOOK PRO

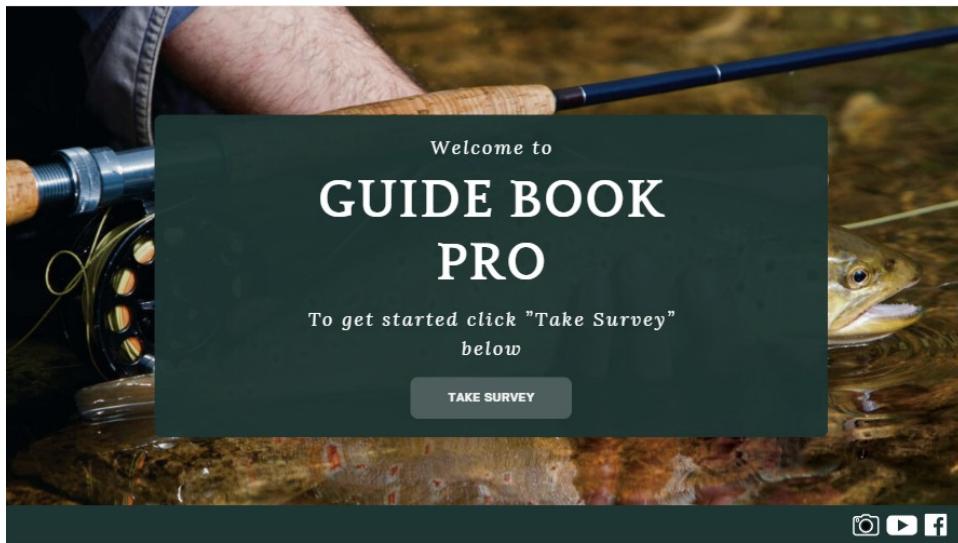
[LOG IN](#)

OR

[CREATE ACCOUNT](#)

[Fly Photo Catalog](#)





- [Top Species](#)

Select Species form

**Guide Book**

[TOP SPECIES](#) [TOP DESTINATIONS](#) [BLOG](#) [Are you a Guide?](#)

**REDFISH**

**Trip Date**  
Start Date  
Tue, Apr 16, 2024

**Select a Trip Option**  
Full Day \$700  
Up to 3 people 1am-10am

**NUMBER OF PEOPLE**

**CREDIT FEE**

**TOTAL**

**Target Species**

- Tarpon
- Snook
- Redfish
- Black Drum
- Speckled Trout
- Pompano
- Jack Crevalle

This screen layout shows when you click on top species, it will show you all the top species that we offer, and clients can click on the species they would like. Here for an example if the client were to click on “Redfish”, it will take them to this page where they can directly book their trip by selecting a specie.

- [Top Destinations](#)

## Select Destinations form

The screenshot shows the "Guide Book" website with a dark header. The top navigation bar includes links for "TOP SPECIES", "TOP DESTINATIONS", "BLOG", and "Are you a Guide?". Below the header, the text "PANAMA CITY, FLORIDA" is displayed. On the left, there are two images: one of a coastal city skyline and another of two people fishing from a boat. To the right of these images are several booking fields: "Trip Date" (set to "Tue, Apr 16, 2024"), "Select a Trip Option" (showing "Full Day" for up to 2 people at \$600), "NUMBER OF PEOPLE" (input field), "CREDIT CARD FEE" (input field), and "TOTAL" (input field). Below these fields, there is a section titled "Target Species" with five fish icons labeled "Speckled Trout", "Redfish", "Sheepshead", "Black Drum", and "Tarpon".

This screen layout shows how, when a client clicks on our top destinations tab, it will take them to our various top destinations where they can choose from. Here for an example, if a client were to choose Panama City, Florida, it will take them directly to a booking page so they can book the destination of their trip.

- [Book Now](#)

## Enter payment form

The screenshot shows a payment form starting with a "Request to book" button. The "Your trip" section details a "Guided Shallow Water Light Tackle and Fly Fishing - Full Day" trip on April 17, 2024, for one person. The total cost is \$617.70. The "Payment Method" section includes options for "Card", "Cash App Pay", and "Affirm". Below this, there is a "Card Information" field with placeholder numbers and a "BOOK NOW" button at the bottom.

This screen layout shows when you select the trip you want to book, it will take you to the payment to book the trip. Here for an example, if the client chose a full day of Guided Shallow Water Light Tackle and Fly Fishing for themselves, it would be \$617.70 to book the trip.

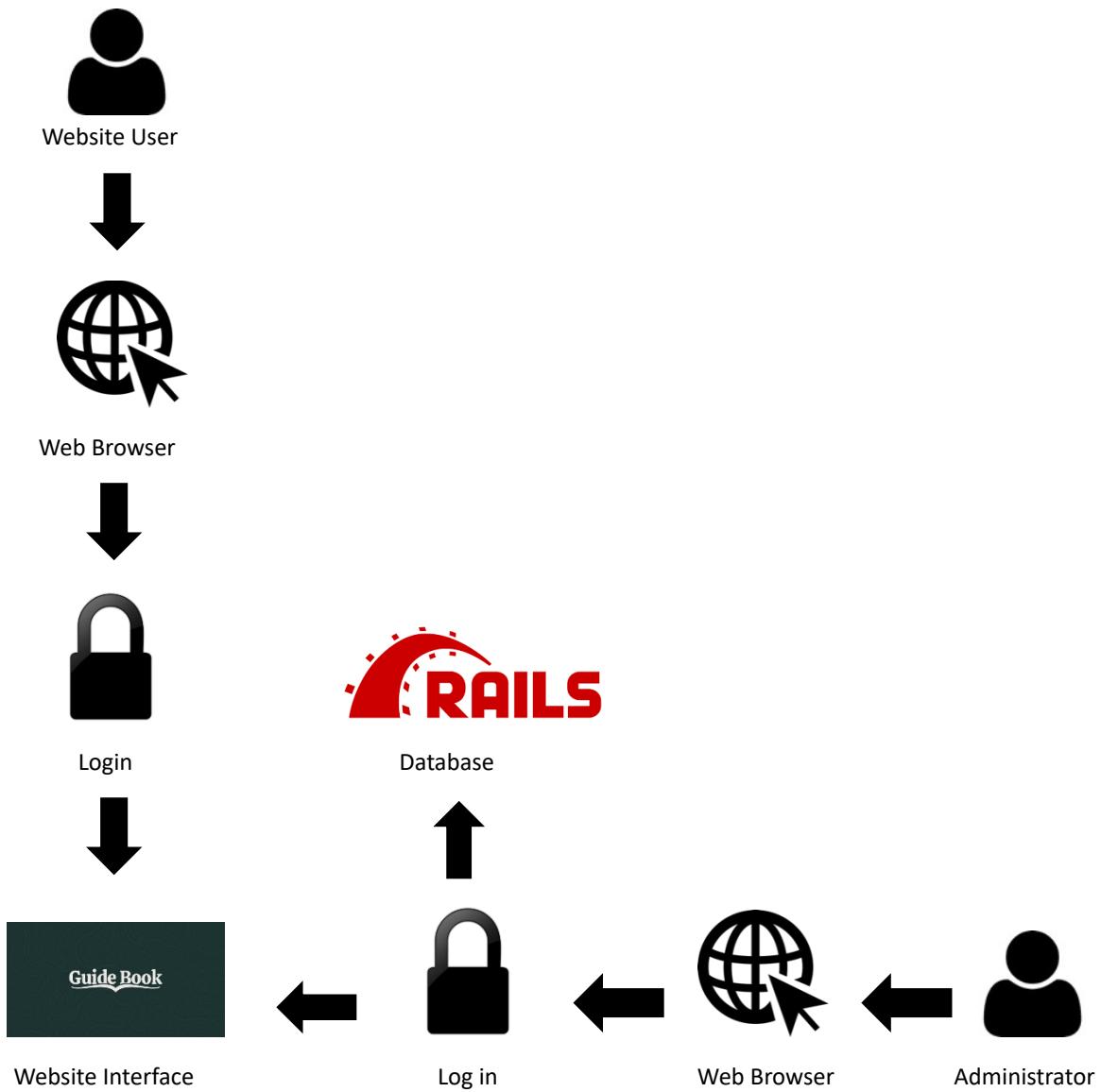
• [Blog](#)

**Blog form**

The screenshot shows a blog post from the website "Guide Book". The post is authored by "Isaiah Smith" and is titled "Connection To Nature and Mental Well-Being". It was posted "5m ago". The preview text discusses the importance of connecting with nature for mental health, mentioning how spending time outdoors, observing wildlife, and appreciating natural beauty while fishing can improve mood and overall well-being. The post features a photo of a man in a blue shirt and cap holding a large fish, smiling. Below the post are social media sharing icons for FAQ, camera, YouTube, and Facebook.

This screen layout shows how our blog post would look like from a guide. When you click on our blog tab it will take you to previews of all kinds of posts from our guides and when you click on one it will take you to a page that would look like this.

## 8. Physical Architecture Design



The purpose of this physical architecture design is to show the process which both the Website User and the Administrator use to gain access to the Website Interface. Both actors begin their process by logging onto a web browser, where they will be asked to log in. Upon logging in, the actors will have access to the Website Interface. The Website User's process ends there due to their limited access. The Administrator can login into the Database and make whatever changes to the website.

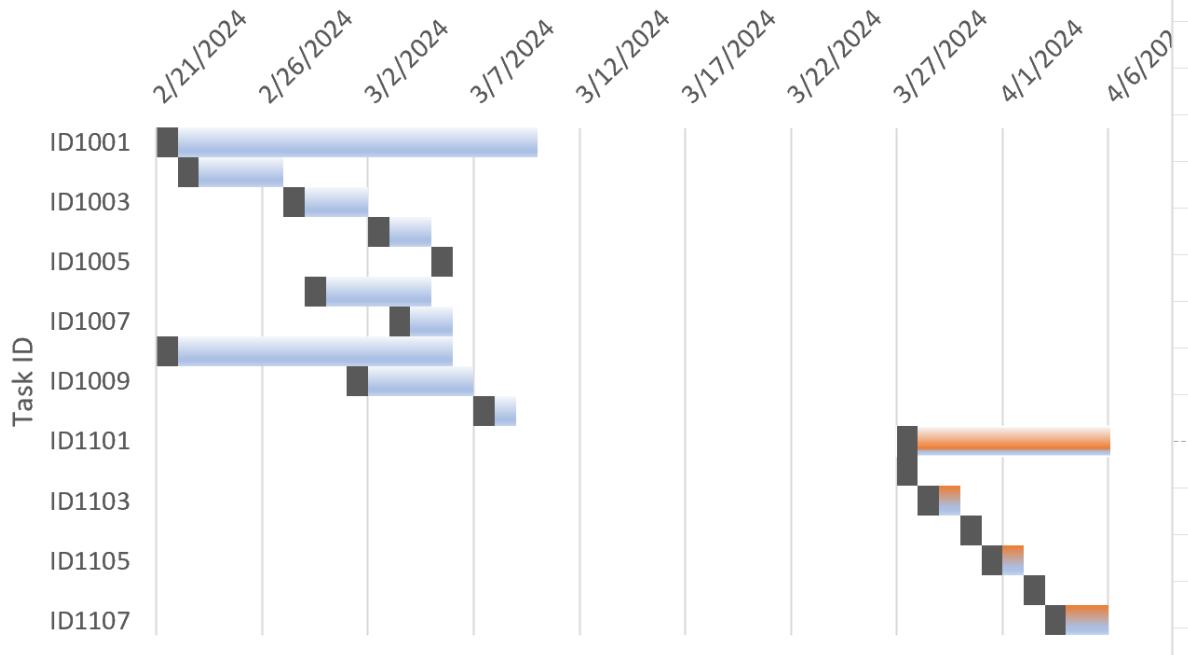
## Design Procedures for Security Concerns and Non-functional Requirements

Security for our users is very important and is our duty to make sure all users information, such as card information, is kept securely. We came up with a security that will help our users. Whenever they log in it will prompt them to enter a code before they can get into Guidebook pro. This code can be sent to their prefer phone number or email. This will give extra security for our users and prevent anyone getting into their account. This method will give extra security to users and it will also shows our care for our customers.

## 9. Gantt Chart

Task ID	Task Name	Start Date	End Date	Duration	Task Responsibility	Dependencies
ID1001	I2 Document Completion	2/21/2024	3/10/2024	18	Geek Squad	NO
ID1002	Vision Document	2/22/2024	2/27/2024	5	Charles Degboe, Jackson Mundy & Burhan Arbabshirani	NO
ID1003	System Requirements	2/27/2024	3/2/2024	4	Abril Beascochea	NO
ID1004	Use Cases	3/2/2024	3/5/2024	3	Geek Squad	YES (ID1003)
ID1005	Trace Matrix	3/5/2024	3/6/2024	1	Charles Degboe & Lausdrith	YES (ID1003) & (ID1004)
ID1006	Initial Architecture	2/28/2024	3/5/2024	6	Burhan Arbabshirani	NO
ID1007	Risk Analysis	3/3/2024	3/6/2024	3	Abril Beascochea	YES (ID1004)
ID1008	Gantt Chart	2/21/2024	3/6/2024	14	Charles Degboe	NO
ID1009	Inception Phase	3/1/2024	3/7/2024	6	Abril Beascochea, Charles Degboe & Jackson Mundy	NO
ID1010	NPV Analysis	3/7/2024	3/9/2024	2	Jackson Mundy	NO
ID1101	I3 Document Completion	3/27/2024	4/7/2024	11	Geek Squad	NO
ID1102	System Requirements	3/27/2024	3/28/2024	1	Burhan Arbabshirani & Lausdrith	NO
ID1103	Use Cases	3/28/2024	3/30/2024	2	GeekSquad	YES (ID1102)
ID1104	Trace Matrix	3/30/2024	3/31/2024	1	Lausdrith	YES (ID1102) & (ID1103)
ID1105	Use Case Diagram	3/31/2024	4/2/2024	2	Geek Squad	YES (ID1103)
ID1106	Gantt Chart	4/2/2024	4/3/2024	1	Charles Degboe	NO
ID1107	Use Case Prototype Version 1	4/3/2024	4/6/2024	3	Abril Beascochea	NO
ID1201	I5 Document Completion	4/7/2024	4/13/2024	6	Geek Squad	NO
ID1202	Class Diagram	4/8/2024	4/9/2024	1	Geek Squad	NO
ID1203	Database design and data definition	4/9/2024	4/10/2024	1	Geek Squad	YES(ID1202)
ID1204	User interface navigation diagram	4/10/2024	4/11/2024	1	Geek Squad	NO
ID1205	Gantt Chart	4/10/2024	4/11/2024	1	Charles Degboe	NO
ID1206	User Interface Prototype	4/11/2024	4/13/2024	2	Geek Squad	NO
ID1301	Elaboration Phase	4/16/2024	4/27/2024	11	Geek Squad	NO
ID1302	Sequence Diagram	4/16/2024	4/20/2024	4	Geek Squad	NO
ID1303	Physical Architecture	4/20/2024	4/22/2024	2	Burhan Arbabshirani	NO
ID1303	Elaboration Phase Prototype	4/22/2024	4/26/2024	4	Geek Squad	NO

## Gantt Chart



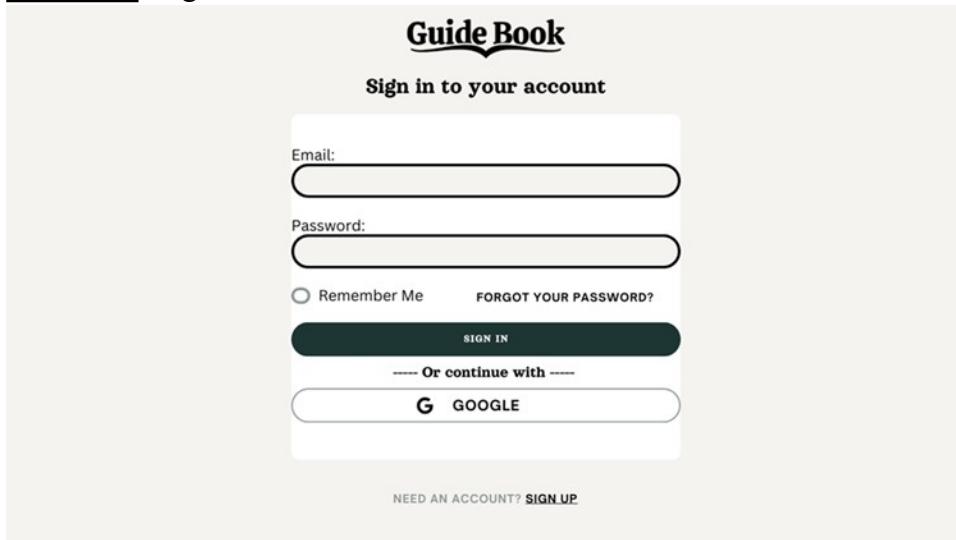
## 10. Elaboration Phase Prototype

Use Case: Sign Up for GuideBook



The image shows the 'Create your account' form for GuideBook. It features a header with the 'Guide Book' logo and a sub-header 'Create your account'. Below these are three input fields: 'Email:' with a placeholder, 'Password:' with a placeholder, and 'Password Confirmation:' with a placeholder. A dark green button labeled 'CREATE YOUR ACCOUNT' is centered below the confirmation field. Below this button is a link '---- Or continue with ----'. Underneath that is a 'GOOGLE' sign-in button with a 'G' icon. At the bottom of the form, there is a link 'ALREADY HAVE AN ACCOUNT? [SIGN IN](#)'.

Use Case: Log into Guidebook



The image shows the 'Sign in to your account' form for GuideBook. It features a header with the 'Guide Book' logo and a sub-header 'Sign in to your account'. Below these are two input fields: 'Email:' with a placeholder and 'Password:' with a placeholder. To the left of the password field is a 'Remember Me' checkbox. To the right of the password field is a 'FORGOT YOUR PASSWORD?' link. A dark green 'SIGN IN' button is centered below the password field. Below this button is a link '---- Or continue with ----'. Underneath that is a 'GOOGLE' sign-in button with a 'G' icon. At the bottom of the form, there is a link 'NEED AN ACCOUNT? [SIGN UP](#)'.

### Use Case: Enter Invite Code

**Guide Book**

Gain exclusive access

Enter your invite code:

**ENTER GUIDEBOOKPRO**

To enter GuideBookPro you must have an invite code from a current member.

DON'T HAVE A CODE? [RETURN TO HOME PAGE](#)

### Use Case: Enter the Promo Code

**Target Species**



**Striped Bass**

---

WADE THE FLATS, SWING FLIES IN THE RIVER, OR HIT THE ROCKY LEDGES ALONG SACO BAY'S BEAUTIFUL COAST!

---

**What is included**

**What to bring**

**Select Trip Option**

Full - Day

---

Half - Day

---

**Number of People**

---

**Enter Promo Code**

---

**BOOK NOW**

Credit Card Fee

---

**Total**

You won't be charged until the guide has approved your booking

**Use Case:** Sign up as guide

**Guide Book**

**Create your account**

Email:

Password:

Password Confirmation:

**CREATE YOUR ACCOUNT**

---- Or continue with ----

**GOOGLE**

ALREADY HAVE AN ACCOUNT? [SIGN IN](#)

**Use Case:** Select from Top Species

**Guide Book**

Are you a Guide?

TOP SPECIES    TOP DESTINATIONS    BLOG

All Species    Redfish    Catfish    Flounder    Bonefish    Bluefish

**Talifin Expeditions**  
1/2 (4 Hour) Charter  
Experience a distinctive method of redfish hunting within a controlled environment....  
Charleston, South Carolina    \$500.00  
[Book Now](#)

**Frank Catino**  
**Saltwater In-Shore Fishing**  
Captain Frank Catino, Florida fly fishing guide for over 45 years offers professional fishing...  
Indian River Lagoon, Florida    \$450.00  
[Book Now](#)

**Ryan Booth**  
**Fishing out of Upper Florida Keys**  
8 and 6 hours of sight fishing the flats with Captain Ryan Booth. Targeting species like...  
Florida Keys, Florida    \$600.00  
[Book Now](#)

[Fly Photo Catalog](#)    [FAQ](#)

## Use Case: Select from top destinations

The screenshot shows the homepage of the Guide Book website. At the top, there's a navigation bar with 'Guide Book' on the left, and three tabs: 'TOP SPECIES', 'TOP DESTINATIONS', and 'BLOG'. On the right, there's a user icon and a link 'Are you a Guide?'. Below the navigation is a horizontal menu with links: 'All Destinations', 'Florida', 'Alaska', 'Montana', 'North Carolina', and 'California'. The main content area features four promotional cards for fishing trips:

- Florida West Coast Fly Fishing** by Lucas Largel, Homosassa, Florida, \$550.00. Includes a photo of a man holding a large fish.
- Florida Bay, Islamorada, Key Largo** by Justin Price, Florida Keys, Florida, \$550.00. Includes a photo of a man holding a fish.
- Flattop Charters Big Game Fishing** by FLATTOP CHARTERS, Captiva, Florida, \$550.00. Includes a photo of a woman holding a large fish.
- In-Shore Fishing** by All Water Expeditions, St. Augustine, Florida, \$500.00. Includes a photo of a man holding a large fish.

At the bottom of the page are links for 'FAQ', social media icons (Instagram, YouTube, Facebook), and a 'Fly Photo Catalog' button.

## Use Case: Select from Feat. Guides

The screenshot shows the homepage of the Guide Book website, similar to the previous one but focusing on featured guides. The layout includes a navigation bar, a horizontal menu, and a main content area with two sections: 'Feat. Trips' and 'Feat. Guides'.

**Feat. Trips** section:

- Eastern Sierras Float** by Tom Lippen, Mammoth Lakes, CA 93546, USA, \$475.00. Includes a photo of a boat on a river.
- SO FLO BACKCOUNTRY** by Eric Rodriguez, Islamorada, Florida, \$600.00. Includes a photo of a man holding a fish.
- Tampa Bay Fly Fishing/Light Tackle** by Tampa Bay Guide Services, Tampa Bay, FL, \$400.00. Includes a photo of a man holding a fish.
- Florida east coast fly fishing** by Lucas Largel, Florida, \$550.00. Includes a photo of a man holding a fish.

**Feat. Guides** section:

- Isaiah Smith** (profile picture)
- MaineOutdoorGuides** (profile picture)
- Kenai River Recon** (profile picture)
- David Camp** (profile picture)
- MT Fly Fishing** (profile picture)
- Nils Peterson** (profile picture)

At the bottom of the page are links for 'FAQ', social media icons, and a 'Fly Photo Catalog' button.

Use Case: Select from Feat. Trips

The screenshot shows the homepage of the Guide Book website. At the top, there's a navigation bar with 'Guide Book' on the left, and 'TOP SPECIES', 'TOP DESTINATIONS', 'BLOG', and 'Are you a Guide?' on the right. Below the navigation is a large banner featuring a sunset over water. On the left side of the banner, the text 'Feat. Trips' is displayed. To the right, there are four cards representing different fishing trips:

- Eastern Sierras Float** by Tom Lippen: A float trip on one of the Eastern Sierras' most beautiful rivers. \$475.00.
- SO FLO BACKCOUNTRY** by Eric Rodriguez: Join Captain Eric Rodriguez for an unforgettable backcountry fishing trip based in the fishing... Islamorada, Florida. \$600.00.
- Tampa Bay Fly Fishing/Light Tackle** by Tampa Bay Guide Services: Experience Tampa Bay's estuary by fishing for Tarpon, Redfish, and Snook. Expert guides, premiu... Tampa Bay, FL. \$400.00.
- Florida east coast fly fishing** by Lucas Largel: Fly fishing or conventional light tackle fishing between Titusville and Melbourne, we will sight fis... Florida. \$550.00.

Below the banner, the text 'Feat. Guides' is shown, followed by six circular profile pictures of guides: Isaiah Smith, MaineOutdoorGuides, Kenai River Recon, David Camp, MT Fly Fishing, and Nils Peterson. At the bottom of the page are social media icons for Instagram, YouTube, and Facebook, and a link to 'Fly Photo Catalog'.

Use Case: Read FAQ

The screenshot shows the 'Frequently Asked Questions' section of the Guide Book website. The background features a sunset over a body of water with a silhouette of a person fishing. The title 'Frequently Ask Questions' is centered at the top. Below it are four expandable sections:

- About Guide** +
- Booking a Guide** +
- Preparing for your Trip** +
- Cancellation and Changes to your Trip** +

At the bottom of the page are social media icons for Instagram, YouTube, and Facebook, and a link to 'Fly Photo Catalog'.

**Use Case:** Update questions on FAQ

The screenshot shows a website with a dark header bar. On the left is the logo "Guide Book". To the right are three buttons: "TOP SPECIES", "TOP DESTINATIONS", and "BLOG". Further right is a link "Are you a Guide?". In the top right corner is a user icon. The main content area has a background image of a sunset over water. It features four sections with plus signs and edit icons: "About Guide", "Booking a Guide", "Preparing for your Trip", and "Cancellation and Changes to your Trip". A modal window titled "Title" is open, showing a "Q & A" field and a rich text editor with various formatting options like bold, italic, and underline. At the bottom of the page are social media icons for Instagram, YouTube, and Facebook.

**Use case:** View licensing information

The screenshot shows a website with a dark header bar. On the left is the logo "Guide Book". To the right are five buttons: "TOP SPECIES", "TOP DESTINATION", "GUIDE HIGHLIGHT", "BLOG", "LICENSING" (which is highlighted in grey), and "FAQ". Below the header is a button "Purchase a Fishing License". To the right of this button is a message: "Buying a fishing license is quick, easy and directly contributes toward conservation efforts. In most states, licenses can be purchased online, by phone or at retail establishments." Below this message is a heading "Get a Fishing License Online" followed by a map of the United States where each state is outlined in green. Below the map is a call-to-action: "Select a State to get a fishing license online." A dropdown menu labeled "Select a State" and a "Go!" button are shown. The bottom of the page has a large dark footer bar.

**Use case:** View/Look at recommended housing link

The screenshot shows the top navigation bar of the Guide Book website. It includes the logo "Guide Book" on the left, followed by six menu items: "TOP SPECIES", "TOP DESTINATION", "GUIDE HIGHLIGHT", "BLOG", "LICENSING", and "FAQ".

< Request to book

Your trip

Full day out of Flamingo Everglades National Park - Full Day

Dates

Mar 16, 2024 - 8:00 AM - 5:00 PM EDT

People

1

Pay Deep South Fishing Charters  
**\$874.95**

Full Day  
Full day out of Flamingo Everglades National Park

Credit Card Fee \$24.95

Enter payment details

Email: [REDACTED]@com

Card information

1234 1234 1234 1234

MM / YY CVC

Cardholder name:

Country or region:  United States

ZIP:

**Use case:** Select half/full day

The screenshot shows the trip selection interface. At the top, there are dropdown menus for "Trip Type" (Boat / Float), "Meeting Location" (Elizabethton, Tennessee, USA), and "Destination Location" (Elizabethton, Tennessee, USA). Below this, under "Target Species", are two fish icons: Rainbow Trout and Brown Trout.

**Select a Trip Option**

**Full Day**

Base Price: \$550.00  
Maximum Capacity: 2  
Duration: 1 day  
End Time: 05:00 PM EST

People Included: 2  
Additional Cost per Person: \$550.00  
Start Time: 08:00 AM EST

**Half Day**

Base Price: \$400.00  
Maximum Capacity: 2  
Duration: 1 day  
End Time: 12:00 PM EST

People Included: 2  
Additional Cost per Person: \$550.00  
Start Time: 08:00 AM EST

**Number of People**

1

**Book Now**

Credit card fee: \$16.25  
Total: \$566.25

**Use case:** Enter payment information.

The screenshot shows a dark-themed web page for "Guide Book". At the top, there's a navigation bar with links for "TOP SPECIES", "TOP DESTINATION", "GUIDE HIGHLIGHT", "BLOG", "LICENSING", and "FAQ". Below the navigation, a section titled "Request to book" is visible. It includes fields for "Your trip" (set to "Full day out of Flamingo Everglades National Park - Full Day"), "Dates" (set to "Mar 16, 2024 - 8:00 AM - 5:00 PM EDT"), and "People" (set to "1"). A summary table shows a total of \$874.95, broken down into \$850.00 for the trip and \$24.95 for a "Credit Card Fee". To the right of this table is a form titled "Enter payment details" which includes fields for "Email" (redacted), "Card information" (with placeholder card number 1234 1234 1234 1234 and logos for Visa, Mastercard, and American Express), "Cardholder name" (placeholder "Full name on card"), "Country or region" (set to "United States"), and "ZIP" (placeholder "ZIP").

**Use case:** Edit payment information

The screenshot shows a dark-themed web page for "Guide Book". The navigation bar is identical to the previous screenshot. Below it, a section titled "Edit Payment Information" is displayed. On the left, a "Payment Method" section shows a "Debit Card" icon. To its right, there are input fields for the card number (ending in 1234), expiration date (MM / YY), security code, and a billing address (name: Danny Rico, address: 4027 Park St, city: San Francisco, state: California, zip: 94110). Below the address fields is a line of numbers: 415 5556204. At the bottom of the form is a link "Remove Payment Method".

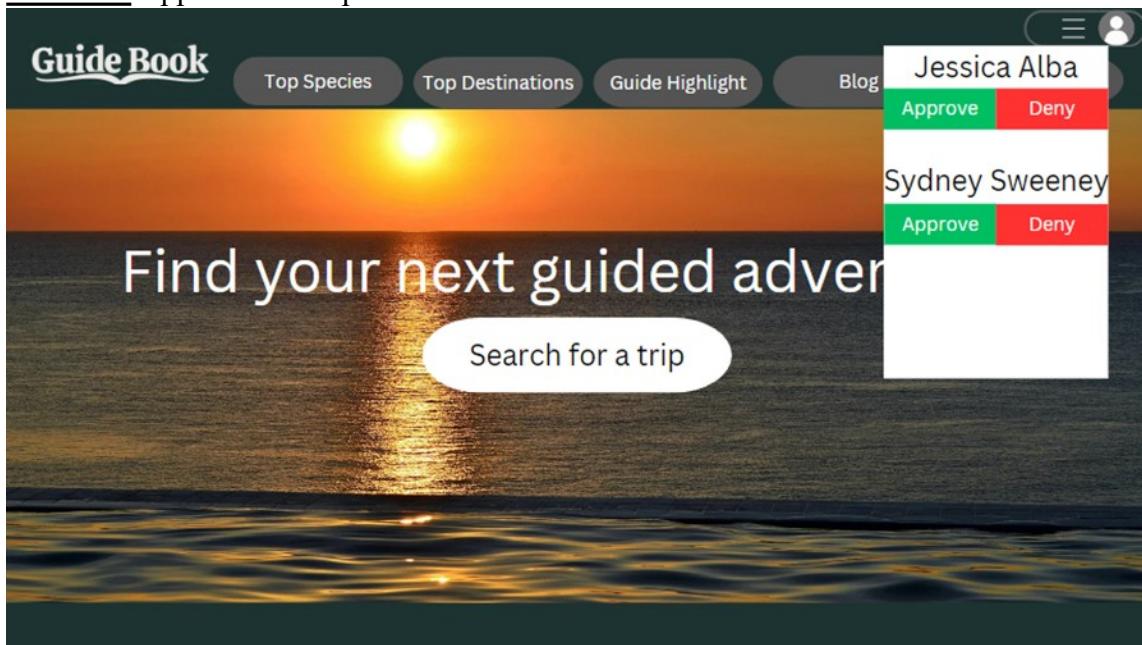
**Use case:** Delete payment information.

The screenshot shows a dark-themed web page with a navigation bar at the top. The navigation bar includes links for "TOP SPECIES", "TOP DESTINATION", "GUIDE HIGHLIGHT", "BLOG", "LICENSING", and "FAQ". Below the navigation bar, there is a section titled "Update your payment details". Inside this section, there is a "Payment method" sub-section. Under "Payment method", it says "Credit card" and "Visa ending in". Below these fields are two buttons: "Edit payment method" and "Delete info". The "Delete info" button is highlighted with a yellow circle.

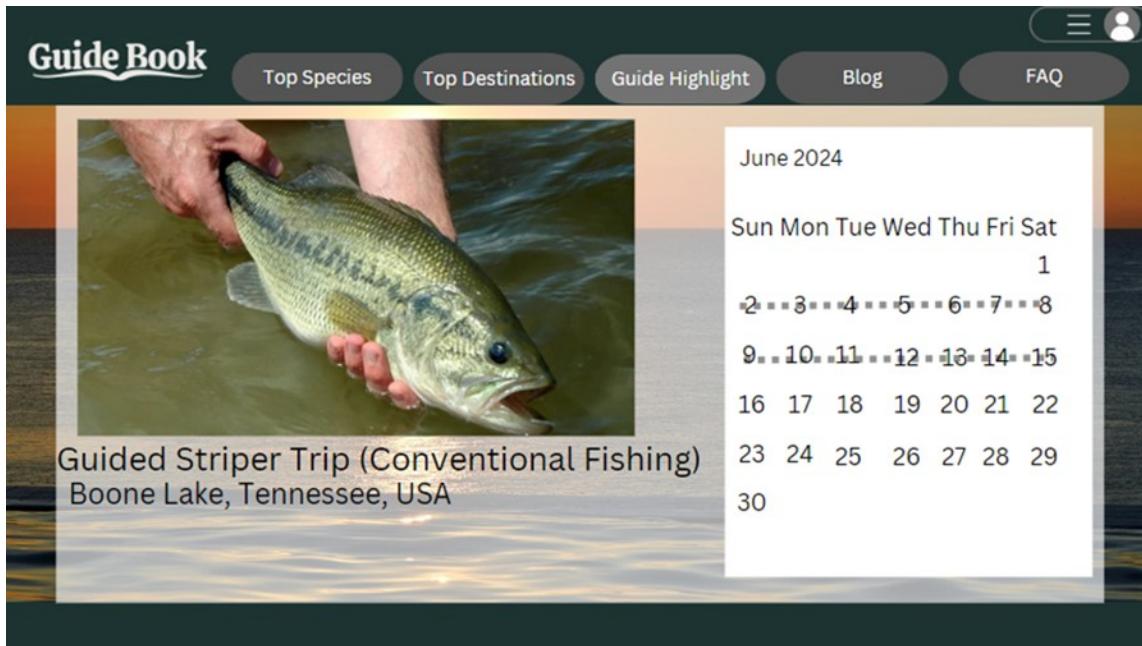
**Use case:** Write on the Blog

The screenshot shows the homepage of the Guide Book blog. At the top, there is a navigation bar with links for "Top Species", "Top Destinations", "Guide Highlight", "Blog", and "FAQ". Below the navigation bar, there is a header with categories: "All Posts", "Beginner's Guide", "Wellness", "From River to Plate", "Family-Friendly", and "Catch&Release". On the right side of the header, there is a "Write on Blog" button. The main content area features three blog posts in a grid. The first post, by "Brady Carter" (2 hours ago), is titled "Tips for Beginner's Learning How to Fish". The second post, by "SouthBound Fly Expeditions" (40 min ago), is titled "Why You Should Come to Louisiana". The third post, by "Atlas Flagg" (8 min ago), is titled "What We Caught on Our Last Trip". Each post includes a thumbnail image, the author's name, the posting time, and a brief description.

Use case: Approve the Trip



Use case: Select Trip Date



## Use case: List Trip on Guidebook

The screenshot shows the Guide Book homepage with a search bar at the top. Below the search bar, there are tabs for 'TOP SPECIES' (All Species, Redfish, Catfish, Flounder, Bonefish, Bluefish), 'TOP DESTINATIONS' (List Trip), 'BLOG', and a user profile icon with the question 'Are you a Guide?'. A large orange banner at the bottom features three trip cards:

- Tailfin Expeditions**: 1/2 (4 Hour) Charter. Captain Frank Catino, Florida fly fishing guide for over 45 years offers professional fishing...  
Charleston, South Carolina  
\$500.00
- Saltwater In-Shore Fishing**: Captain Frank Catino, Florida fly fishing guide for over 45 years offers professional fishing...  
Indian River Lagoon, Florida  
\$450.00
- Fishing out of Upper Florida Keys**: B and 6 hours of sight fishing the flats with Captain Ryan Booth. Targeting species like...  
Florida Keys, Florida  
\$600.00

At the bottom of the page are links for 'Ely Photo Catalog', 'FAQ', and social media icons for YouTube and Facebook.

## Use case: Edit Listed Trips

The screenshot shows the 'My Available Trips' section of the Guide Book website. At the top, there are tabs for 'TOP SPECIES', 'TOP DESTINATIONS', 'GUIDE HIGHLIGHT' (highlighted in blue), 'BLOG', and 'FAQ'. Below the tabs, the heading 'My Available Trips' is displayed. Two trip cards are shown:

- Fishtales Outfitting**: Beaverhead River Fly Fishing. The Beaverhead River's consistent, clear flows and reliable hatches of Pale Morning Duns, Caddis, and Yellow Sally...  
Beaverhead River, Montana  
\$575.00
- Fishtales Outfitting**: Blackfoot River Fly Fishing. The Blackfoot River is a fishing paradise that belongs on every fisherman's bucket list. It's a true classic western freestone river...  
Blackfoot River, MT  
\$575.00

Each trip card has an 'Edit Trip' button with a right-pointing arrow at the bottom. At the bottom of the page are links for 'Ely Photo Catalog', 'FAQ', and social media icons for YouTube and Facebook.

**Use case:** Schedule Trip Dates

**Target Species**



**Striped Bass**

WADE THE FLATS, SWING FLIES IN THE RIVER, OR HIT THE ROCKY LEDGES ALONG SACO BAY'S BEAUTIFUL COAST!

**What is included**      **What to bring**

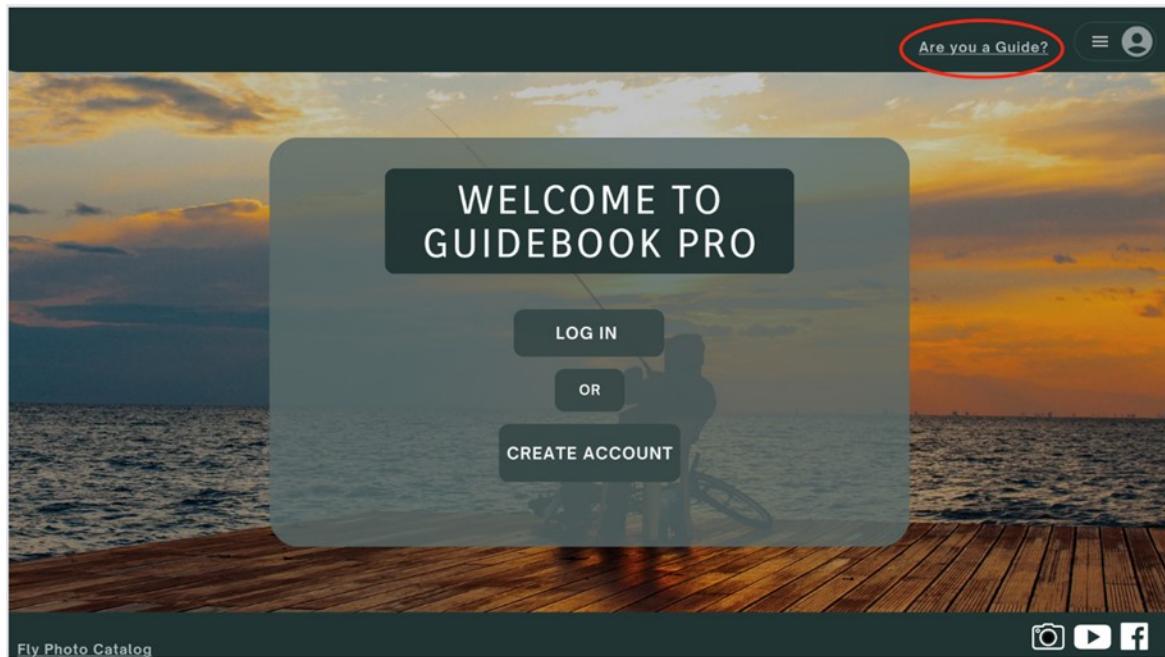
**Select Trip Option**

Full - Day							June 2024	
Sun	Mon	Tue	Wed	Thu	Fri	Sat		
2	3	4	5	6	7	8	1	
9	10	11	12	13	14	15		
16	17	18	19	20	21	22		
23	24	25	26	27	28	29		
30								

Half - Day							June 2024	
Sun	Mon	Tue	Wed	Thu	Fri	Sat		
2	3	4	5	6	7	8	1	
9	10	11	12	13	14	15		
16	17	18	19	20	21	22		
23	24	25	26	27	28	29		
30								

**Number of People**

**Use case:** Log in as Guide.



The image shows the login screen for Guidebook Pro. The background is a scenic sunset over a body of water. A central dark overlay contains the text "WELCOME TO GUIDEBOOK PRO" in white. Below it are three buttons: "LOG IN", "OR", and "CREATE ACCOUNT". In the top right corner of the main area, there is a red oval highlighting the text "Are you a Guide?". Above the red oval are three icons: a person icon, a gear icon, and a menu icon. At the bottom right of the screen are social media links for Instagram, YouTube, and Facebook. At the very bottom left, there is a small link "Fly Photo Catalog".

Use case: View Southern Culture on the Fly Fishing Catalog.

The screenshot shows a mobile-friendly website for "Guide Book". At the top, there's a navigation bar with links for "TOP SPECIES", "TOP DESTINATIONS", "BLOG", and "Are you a Guide?". Below the navigation, there are tabs for "All Species", "Redfish", "Catfish", "Flounder", "Bonefish", and "Bluefish". The main content area displays three fishing charter options in a grid format:

- Tailfin Expeditions**: 1/2 (4 Hour) Charter. Description: Experience a distinctive method of redfish hunting within a controlled environment.... Location: Charleston, South Carolina. Price: \$500.00. Book Now button.
- Frank Catino**: Saltwater In-Shore Fishing. Description: Captain Frank Catino, Florida fly fishing guide for over 45 years offers professional fishing.... Location: Indian River Lagoon, Florida. Price: \$450.00. Book Now button.
- Ryan Booth**: Fishing out of Upper Florida Keys. Description: 8 and 6 hours of sight fishing the flats with Captain Ryan Booth. Targeting species like... Location: Florida Keys, Florida. Price: \$600.00. Book Now button.

At the bottom left of the page, there's a link labeled "Fly Photo Catalog" which is circled in red. On the right side, there are social media icons for "FAQ", Instagram (circled in red), YouTube, and Facebook.

Use case: Click Instagram Link.

This screenshot is identical to the one above it, showing the "Guide Book" website with the same layout and charter options. The difference here is that the Instagram icon in the footer, located next to the "FAQ", "Instagram", "YouTube", and "Facebook" icons, is circled in red to indicate where the user should click.

Use case: Click Facebook Link.

The screenshot shows the Guide Book website's homepage. At the top, there are navigation links for 'TOP SPECIES', 'TOP DESTINATIONS', 'BLOG', and 'Are you a Guide?'. Below the header, there are tabs for 'All Species', 'Redfish', 'Catfish', 'Flounder', 'Bonefish', and 'Bluefish'. The main content area displays three fishing charter options:

- Tailfin Expeditions**: 1/2 (4 Hour) Charter, Charleston, South Carolina, \$500.00. Description: Experience a distinctive method of redfish hunting within a controlled environment... [Book Now](#)
- Frank Catino**: Saltwater In-Shore Fishing, Indian River Lagoon, Florida, \$450.00. Description: Captain Frank Catino, Florida fly fishing guide for over 45 years offers professional fishing... [Book Now](#)
- Ryan Booth**: Fishing out of Upper Florida Keys, Florida Keys, Florida, \$600.00. Description: 8 and 6 hours of sight fishing the flats with Captain Ryan Booth. Targeting species like... [Book Now](#)

At the bottom right of the page, there are social media icons for 'FAQ', a camera, YouTube, and Facebook. The Facebook icon is highlighted with a red circle.

Use case: Click YouTube Link.

This screenshot is identical to the one above, showing the Guide Book website's homepage with the same three fishing charter options. The YouTube icon in the footer is highlighted with a red circle.

**Use case:** Enter to the Blog.

The screenshot shows the homepage of the "Guide Book" blog. At the top, there is a navigation bar with links for "TOP SPECIES", "TOP DESTINATIONS", "BLOG" (which is highlighted in grey), and "Are you a Guide?". Below the navigation bar, there are several categories: "All Posts", "Beginner's Guide", "Wellness", "From River To Plate", "Family-Friendly", and "Catch&Release". A red arrow points to the "BLOG" button in the navigation bar.

The main content area features three "FEATURED" posts:

- Isaiah Smith** posted 5 min ago: "Tips for Introducing Kids to the Sport". This post has 3 views and 0 comments.
- MaineOutdoorGuides** posted 36 min ago: "The Ultimate Packing List for a Multi-Day Fishing Expedition". This post has 20 views and 5 comments.
- MT Fly Fishing** posted 1 hr ago: "Testing Out the Latest Fishing Equipment". This post has 100 views and 10 comments.

At the bottom of the page, there are links for "FAQ", "Fly Photo Catalog", and social media icons for YouTube and Facebook.

