

**Destination Safari Ltd**

**Tradings as**

Live Deftsoft Informatics Pvt. Ltd  
E-286, Phase 8-A, Industrial Area, Mohali, Punjab (India)

**Versions:**

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| **Version no** | **Date** | **Authored by** | **Details** |
| 1.0 | 3 June 2020 | Live Deftsoft Informatics | * Initial document |
| 2.0 | 4th June 2020 | Live Deftsoft Informatics | * Add all changes as per client requirements. |
| 3.0 | 7th June 2020 | Live Deftsoft Informatics | * Add Loyalty program feature |

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| 1. Introduction |

The purpose of this application is to provide a platform to the user to plan, schedule, book and pay the suppliers for the safari. Each type of supplier will have their own web panel from where they can control the information that needs to be displayed in the application. Further they can see their respective bookings as well. We have an admin web panel as well which is specially designed for Admin access. The app will also have a landing web page. More about all sections has been mentioned below.

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| 1.1 Purpose |

In this document we describe the application requirements for yet unnamed mobile application for one of our esteemed client **Destination Safari Limited**. The purpose of this document is to describe each and every functionality that we need to develop in this application. During the development period only this document will be considered as the point of reference for all functionality that we need to develop. No pervious document, client comment or any conversation will be considered as valid. Only the functionality written in the documents will be developed.

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| 1.2 Definitions, acronyms, and abbreviations |

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| **Terms** | **Definition** |
| User | Someone who is using the application. |
| Supplier | Someone who provides the services. |
| Admin | Someone who will use the Admin panel |

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| 1.3 References |

We use following references in our project that are: -

* Client’s initial requirements
* Client’s feedback

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| 1.4 REQUIREMENT ANALYSIS PHASE |

This phase involves walkthrough with the client. During this phase, the Business Analyst of the project will elicit requirements from client to freeze scope of work and ensure all requirements are clear before project start in development.

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| 1.5Task List |

Live Deftsoft Informatics Pvt. Ltd. Is responsible for adding only below mentioned features to the application. Rest as discussed and finalized about the features, the Task Breakdown is explained below. Please review the details carefully and share your feedback.

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| 2. System Description |
| 2.1 Constraints |

The application will remain compatible for the following versions-

* Android- 7.0 or above
* iOS- 11 or above

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| 2.2Language support |

The application will be in following language and client will provide all the translations.

* English

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| 3. Functional Requirements |

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| **Customer Mobile Application** | | | |
| **Sr. No.** | **Tasks** | **Description** | **Hours** |
|  | Wire frame |  |  |
|  | UI Designing |  |  |
|  | UI Implementation |  |  |
|  | Register | User will be able to register with following attributes like.   * Name * Age * Gender * Phone number * Nationality * Country of Residence - Both required since hotels & national park have different rates for different Residence/Nationality status. We have to show the kenya shillings currency only when user resident country in all other cases we have to show dollars. * Interest (the list will be static and admin will provide us) email id, password, confirm password.   We will verify phone number and email both. For phone number verification, client has to purchase the SMS gateway and needs to provide us the same. |  |
|  | Login | User will be able to login with email id and password. On the successful login, we will send a 6 digit OTP on user email id which user have to fill here in order to do login. |  |
|  | Tab Bar | Application will have following tab bars.   * mySafaris * Create Your Journey * Travel buddies * Settings |  |
|  | Safari Tours (mySafaris) | Here user can see Upcoming, Present and Past tours listing including the previous one as well that are passed. If user has accepted any booking request those bookings are also visible here. User can make the ratings towards the past service providers.  User can see the member listing in case of Present and Past Tour. In case of upcoming tour, user can see the member listing and can invite new members. Until the booking is not made, they can also remove the traveller as well. Once the booking has been made, the group member in the listing will show the payment options. They have to make the payments with in 24 hours. If any of them has not paid then group admin will have the option to revise all his selections and to proceed for final bookings.  Final bookings will be made only when all user pays or when user revise his selections. Till then the selection made will be on hold and they will not be seen to other users.  Example –  Total Pax – 9 (10000 each)  Total Amount - 90000 Initial Payment - 30000   Rest Payment - 60000/8 (Should be Paid By all members with in a 24 hours) – 7500. In our case, each member has to pay 7500 to Admin and 1500 to the user who made the booking  2 Member has not paid and rest has paid, so the total amount that rest has paid is 45000.   Now the total trip cost is 75000k. Which in other case should be 70000K. Here 5000 is admin’s benefit.  In case if the rest 6 member has paid, so the application will ask user to select any of the 3 members and revised his all bookings selection. Now this will become the private safari.  In case if the total is 25k, then user will get option to select 2 members. And in this case 5k will be admin’s benefit.  User can create the tour with following information as described in point number 8. User will see the option in serial order as mentioned below.  Booking and Payments for the Safari will be done at the end. Here amount paid will be directly transferred to admin’s bank account.  Admin will then pay to the service provider via check or via bank transfer after 14 days but this transfer is outside the scope of the application. |  |
|  | New Invitations | This button will be available on the top right corner of the screen.  Here user can see the safari invitation that he has received. He can accept or reject. In case user accepts he will have the option to add the traveller information. User can add more then one traveller information.  Once user accepted the invitation, the tour will start appearing on user screen. |  |
|  | Create Your Journey | User can create safari with following options.   * Tour Type – Private or Shared Safari. * Number of Days - Here we will show the calendar where user will select start and end date. * Do you want to take flight to travel from one destination to another. If user selects yes, then min 7 and max 9 max are allowed in group safari. * Number of Members - Private safari will have less than or equal to 7 members. However shared safari has any number of members up-to 200. * Invite Members - Here user can search his friends and can send them invite only in case of public safari. In case of private, user will himself enter the details of travelers. In case user invites other users and they accept the requests then they have to add the member details. * Members Details - It will include their Name, Age and Nationality. This needs to be filled only in case of Private Safari for all members. In case of public safari. * Admin – One of the members who has created the safari will become the admin automatically. * Selecting Starting Point – If the country of residence of the user is not kenya then it means they will land in Nairobi, Kisumu or Mombasa airport. In case there is residence is kenya then they have to give their address in via Google place API, if the address is not there in Google distance then they can type in. All the drivers will have one start position and lat and long for the same will be provided by client. Rest flow for both the passenger type will remain same. |  |
|  | Select Regions | Here user will see the static list of regions like Nairobi, Amboselli, Lewa, Mssai Mara and so on.  Whenever user tap on the row he can see the textual description and max 10 photos corresponds to each region. The regions, content and images will be static that client will provide us during the time of development.  The application will show the map and can show the pins over the map. On the map, application will show the distance between each region. For this we will fetch distance via Google distance matrix that client will purchase and provide us the same. User can change the order by doing drag and drop of rows/regions.  Here first night will be static because all the flights will land in either Nairobi, Mombasa and Kisumu. From this point we have to start calculating the distance.  Corresponds to every region user will specify the nights for which he is staying in that region and corresponds to every day that he spends in region, user has to select his accommodation, activities, national park and restaurants for all traveler (Either Public or Private Safari).  On each step user can see the total amount that user has invested till now. At the end user will do the payment. |  |
|  | Select Master Tour Guide | Here user will first select the vehicle and then based on the vehicle selection application will show master tour guides that drives this vehicle type.  Application will also determine the number of vehicle that they need for their Safari (Van max 6 pax, Lancruiser 7 pax, Overland truck 15 pax). The master tour guide will be with the user throughout his safari. Here user will also select the vehicles which will also remain with the users till the end date.  User will see a list of all driver guides. User can click and can see their following details.   * Name * Gender * Age * Profile Picture * Location (Nairobi, Mombasa, Kisumu) * Rating & Reviews * Countries Visited * Places Lived * Language – Drop down List to multiple select language. * Certifications - User can type in here. * Work experience: year started – current year * Education background * Specializations * Number of Safari done * Last Safari done date * Per km Rate for Van, Land cruiser and Overland truck in Dollars and Kenya Shillings.  1. Citizen 2. Resident 3. Non- Resident  * Minimum kilometer per day irrespective of distance covered is KM 200 * User can select public vehicle as well which will be bus or train & AeroCRS. For public vehicles client will provide us the API. User has to select source, destination, date, time, and number of travelers. |  |
|  | Vehicle Price Calculation | We have to keep on calculating the distance between user start point and next point and for that we have the suppliers available on Google Maps, so that we can determine the total distance that he has covered.  Total Price = Total Km (Game Drive + Distance covered from one region to another) \* Per Km Rate + 10% Commission of Admin.  Morning Game Drive = 50km  Evening Game Drive = 50km  Morning Game Drive + Evening Game Drive = 100km  Morning and Evening game drive only possible when guest spends full day in the park. These game drives will be done on the original vehicle But if a passenger is coming via public transport or flight then its upon accommodation weather they provide ground transport or not. In this case we need not to charge them for game drive. It will be part of accommodation booking.  Client may choose not to go for game drive and just enjoy the facilities of the lodge but in this case he has to pay for 200 km  The total vehicle cost at the end will be divided among all passengers to determine per person cost.  Note - If a user travels from one place to another via flight and then comes back via road then the guide along with the vehicle will be traveled to that place to pick passenger. In this case passenger has to pay for the travelling distance (called - empty run) or client can go by road and come back by flight also empty run cost is charged)  Game Drive distance will be 50 km for one drive. In a day there will be 2 game drives next day if traveler spend night and have full day in the park. Taking 2 game drives in a day is only possible if user is staying in the national park with accommodation type lodges or tented camps. Otherwise they can take only one game driver i.e. Morning or Evening. |  |
|  | Select Mode Of Transport | The standard mode of transport for tours will be ground transport/original vehicles from point to point to point.  Flight / Train / Bus will only be availed to client where available. Passenger can only change to flight from specific parks or locations that offer flight back to the city or the next location.  Bus can only be boarded from Nairobi to Mombasa & Kisumu and back. Train can only be board between Nairobi & Mombasa and back.  For flight we have to integrate AeroCRS API and for Train or Bus client will provide us the API.  Note – We will integrate either bus or train API. Client will determine this during the development time and there will be no extra cost for this. The public API flight and Train/Bus must support the functionality where user can make bookings by paying upfront amount. If this functionality is not supported by API then we can’t do that.  Note - If the two consecutive places are Nairobi and Mombasa, Nairobi and Kisumu, kisumu and Mombasa or vice versa. Then for each destination user have to select a new tour guide only if they don’t want to travel with their original vehicle.  If the vehicle has not terminated its journey at the original destination then we have to include the bill of travelling distance.  The process of selecting a tour guide will remain same as mentioned below. |  |
|  | Create your Day | Here user can plan his day starting from 6 in the morning. We have to show activates as per the time. So the view will look like this.  6:00 – 10:30 – Game Drive  10:30 – 11:00 – Breakfast | Lunch | Dinner | Rest | End Day |Travel Time – These are the four static options  11:00 – Select Activity – We will ask user select suppliers and then activities until they doesn’t select the End Day option or until the activities are not finished. |  |
|  | Select National Parks | Here user will select national parks that he wants to visit on each day of the safari. The parks will be shown based on the current region.  There are 10 types of national park. Each location park will have a name, address and list of activities that are allowed in it. These information will be entered by national park owners. |  |
|  | Game Drive | Please select game drive   1. Morning Game Drive (50 KM) – 6:00 AM – 10:30 AM. User can select any start time and duration for it will be 4 hours and 30 hours. 2. Evening Game Drive (50 KM) – 3 PM – 6:30 PM. Here starting time and ending time will be fixed. User can select any start time and duration for it will be 4 hours and 30 hours. 3. Morning + Evening Game Drive (100 KM) 4. Full Day Game Drive (100 KM) – They can start from any point of time and can stretch upto 6:30 PM 5. Night Game Drive(50 KM) – Its allowed in Conservancy national park only and the timings will be 6:30 PM to 8:30 PM. |  |
|  | National Park Entry Fees Calculation | Admin/ park owner will specify the price for the whole year for citizens, residents and non-residents. The price will be defined for students (Residents and Non Residents), children(Residents and Non Residents) and adults. |  |
|  | Activities Price calculation | Activities will be charged either on hourly basis or on day basis. Each activity will have following attributes.   * Activity Type * Number of Units that can provide activity. * Available Units/Vacant units * Start Time * End Time * Duration * Price * Select Date * Select Time |  |
|  | General Activities | There will be several activity providers as well. Admin will select the activity provider. |  |
|  | Activities Price calculation | Activities will be charged either on hourly basis or on day basis. Each activity will have following attributes.   * Activity Type * Location * Number of Units that can provide activity. * Available Units/Vacant units * Start Time * End Time * Duration * Price * Select Date * Select Time |  |
|  | Events Bookings | Events will be displayed by date wise. User can make the bookings for the events. Admin will purchase the tickets for the booking and will manually handover to the user. |  |
|  | Restaurant Booking | Here user can select the restaurant for each day time (lunch and dinner) as per his current region only if required. For instance city & resort only offer Bed & Breakfast or Half Board (Breakfast & Dinner). Hence clients need to then decide where they will get the meal that is not included in the hotel rate.  We will initially show the listing and then clicking on that restaurant details will open. We will show the following restaurant details.   * Restaurant Name * Restaurant Address * Images - Max 5 * Number of Lounges * Cuisines. * Per person price * Description * Menu & Cuisines for each day of the week. Cuisines will be like African, Indian, Local and along with that we will show the Menu. It will be a name like A la Carte, “Beast of Feast”, “Buffet”, “Live Kitchen” etc. * Themed Nights - Here restaurant can select the name of Themed Night like “Jazz”, “African Music”, “Old School” and so on. The list will be static and will be provided by admin. Further these nights will be of type “Live”, “Playback” & “DJ” and can specify it for every day of the week. * Select Date * Select Time(Breakfast, Lunch, Dinner) * Available Seats (capacity) |  |
|  | Select Accommodation | Here user can select from the list of accommodation type that are available. Corresponds to the selected accommodation, user can see the rooms. Each rooms will have a price defined and number of person that accumulate in it. User can select the rooms as per the number of available passengers. Room listing will show.   1. Accommodation Type 2. Accommodation Photos 3. Name 4. Facilities 5. Price 6. Safety & Health Measures - Here user can see the pdf file and can read it. 7. Add to Cart   Following filters will be there   1. Property type 2. Rating 3. Hotel Category(Budget, Mid Range & Luxury) 4. Wellness Service |  |
|  | Payments | Here user will see the per person price. Payments will be done via credit, debit card. Client will provide us the payment gateway PesaPal.  Here we will only deduct 1/3rd amount of the payment. Rest amount all users have to pay which are the part of public safari with in 24 hours.  Note – If the MPesa integration doesn’t require us to write any source code or its doesn’t require any extra effort then we will do it in same cost otherwise extra time and efforts will be communicated to client. |  |
|  | Travel Friends | For the first time, we will show the option of sync contacts. As soon as user sync contacts application will show those users who are using the same application. User will have the option to send them friend request. The user who are not available application will send them a message with application down-loadable link.  Here user can see his list of friends. User can search other user by their name and can send them friends request. Here user will also see those requests that comes to him. User can accept or reject those requests. |  |
|  | My Profile | Here user can see his profile and can edit it. |  |
|  | Settings | Here user can see various options like   1. My Profile: Pic, name, gender, countries visited, country of residence, nationality, age, contacts 2. FAQ - Client will provide us question and answer. 3. Loyalty Program – For every X amount that user spends via this application, he/she will get x amount of coins. The value of x will be determined during the time of development. Further these Zawadi coins will be used as currency in their next booking. The actual value of one coin will also conveyed by the client during the time of development. 4. General Safari Description 5. Privacy Policy 6. Terms & Conditions 7. Contact Us 8. Logout |  |
|  | Total |  |  |
|  | API Development & Integration |  |  |

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| **National Park Panel** | | | |
| **S/N** | **Task** | **Description** | **Efforts** |
|  | Wireframes | Here we will create the required wireframes as per the flow mentioned below. |  |
|  | UI designing | Here we will create the UI Designing.  The designs will remain same for all devices and orientations. |  |
|  | UI implementation | All functionality mentioned below will be the part of UI implementation. |  |
|  | Registration | User will be able to registered with following information-   1. Authorized Person Name 2. Authorized Person Designation 3. Authorized Person Email 4. Authorized Person Phone Number 5. Owner/Director/CEO Person Name 6. Owner/Director/CEO Person Designation 7. Owner/Director/CEO Person Email 8. Owner/Director/CEO Person Phone Number 9. Location- User will enter the location name. We will use places API here. 10. Region 11. Registration Document 12. Pin Number 13. Photo Id of the Director/owner/CEO 14. Do you provide activities- Yes/ No. 15. Password 16. Confirm password |  |
|  | OTP verification | User will receive a 4-digit OTP verification code on the authorized person phone number. |  |
|  | Login | After reviewing the user’s registration details admin will approve the profile and user will be able to login with following credentials-   1. Authorized/Owner Email 2. Authorized/Owner Password   Note - Both will have same type of view and functionality. |  |
|  | Forget password | User will receive a recovery mail on their registered email address and from where user can reset their password. |  |
|  | Park management | User will be able to view, add, deleted parks. |  |
|  | View |  |  |
|  | Add Park | User will be able to add new park with following information-   1. Name of the park 2. Category- User will have following categories-  * National park * National reserves * Conservancy * Lake * Forest Reserve * Ranch * Marine park * Highland/ Valley * Sanctuary * Scenic/Special Interest  1. Location (Google places) 2. Add appearance of the park/Attractions Present in the Park (pick from list of icons). This information will be view only in the application end. 3. Animals 4. Plants 5. Birds 6. Lakes 7. Highland/Valley 8. Historic site 9. Add special interest site 10. Annual event- 11. Name 12. Description 13. Month 14. Activities- Yes/ No. If user selects YES then user will be shown the activity section. 15. Price- User will define the rates for following categories from a particular date to a specific date. Price will be in USD and kenya shillings. - 16. Child non- resident 17. Child resident 18. Student non- resident 19. Student resident 20. Citizen 21. Resident 22. Non- Resident |  |
|  | Activity management | User will be able to view, search, add, remove any activity. |  |
|  | View |  |  |
|  | Search | User can search activity by name or by park name. |  |
|  | Add | 1. Activity type- the type of activity will be static 2. Night game drive: (rate) per adult (rate) per child 3. Lake boating: (rate) per adult/ per child(less then 8 years) 4. Security guided tour: (rate) per guide upto (time) hrs and (rate) per guide over (time) hrs. User can pay the cost of extra hours manually by himself to guide because we are booking and charging user in advance. At the booking time, user will never know that weather extra will be required or not, it is upon the situation if traveler enjoys then he can stretch the hoursby paying guide extra. This is something which is outside the scope of the application. 5. River rafting: (rate) per person 6. Horse riding: (rate) per person 7. Fishing: (rate) per line per day 8. Bicycle hires: (rate) per day 9. Cycling: (rate) per day 10. Walking safaris: (rate) per person per day 11. Number of Units that can provide activity. 12. Activity duration – It will be per day or per 2 hours or per 5 hours. 13. Start Time 14. End Time 15. Price – Price will be either per day, per adult or per child. Supplier will define the rates for kenya shilling and USD for following categories from a particular date to a specific date- 16. Seasonality: From Date/To Date / Year Round 17. Child non- resident 18. Child resident 19. Student resident 20. Citizen 21. Resident 22. Non- Resident   Note – In case of government national park there will be no procedure to check weather the available spots for doing the activity is there or not. User will pay for these activity, later on if they are not available or if they are full, admin has to manage this and everything else will be done outside the scope of application. |  |
|  | Remove |  |  |
|  | Booking management | User can view all bookings including upcoming, Present and Past bookings.  Corresponds to past booking that are 14 days old, Supplier can request for the payments. A message/notification will be shown at admin’s end.  Supplier can also see the rating and review made by the user. |  |
|  | Edit Profile | Here supplier can edit authorized person and owner detail. |  |
|  | Log out |  |  |
|  | TOTAL |  |  |

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| **Events Service Provider** | | | |
| **S/N** | **Task** | **Description** | **Efforts** |
|  | Wireframes | Here we will create the required wireframes as per the flow mentioned below. |  |
|  | UI designing | Here we will create the UI Designing.  The designs will remain same for all devices and orientations. |  |
|  | UI implementation | All functionality mentioned below will be the part of UI implementation. |  |
|  | Registration | User will be able to registered with following information-   * Authorized Person Name * Authorized Person Designation * Authorized Person Email * Authorized Person Phone Number * Owner/Director/CEO Person Name * Owner/Director/CEO Person Designation * Owner/Director/CEO Person Email * Owner/Director/CEO Person Phone Number * Region * Address – For this we will use Google Places API. * Registration Document * Pin Number * Photo Id of the Director/owner/CEO * Pin Number * Photo Id of the Director/owner/CEO * Email * Phone number * Password * Confirm password |  |
|  | OTP verification | User will receive a 4-digit OTP verification code on their registered number. |  |
|  | Login | After reviewing the user’s registration details admin will approve the profile and user will be able to login with following credentials-   * Authorized/Owner Email * Authorized/Owner Password   Note - Both will have same type of view and functionality. |  |
|  | Forget password | User will receive a recovery mail on their registered email address and from where user can reset their password. |  |
|  | Events Management | User will be able to view, add, events that he organize |  |
|  | View |  |  |
|  | Add Event | User will be able to add new park with following information-   1. Event Name 2. Location 3. Event Date 4. Event Max Person Allowed 5. Price- User will define the rates for following categories from a particular date to a specific date- 6. Child non- resident 7. Child resident 8. Student non- resident 9. Student resident 10. Citizen 11. Resident 12. Non- Resident |  |
|  | Booking management | User can view all bookings including upcoming, Present and Past bookings.  Corresponds to past booking that are 14 days old, Supplier can request for the payments. A message/notification will be shown at admin’s end.  Supplier can also see the rating and review made by the user. |  |
|  | Edit Profile | User can view, request for withdrawal to admin for payment. |  |
|  | Log out |  |  |
|  | TOTAL |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Activity Service Provider** | | | |
| **S/N** | **Task** | **Description** | **Efforts** |
|  | Wireframes | Here we will create the required wireframes as per the flow mentioned below. |  |
|  | UI designing | Here we will create the UI Designing.  The designs will remain same for all devices and orientations. |  |
|  | UI implementation | All functionality mentioned below will be the part of UI implementation. |  |
|  | Registration | User will be able to registered with following information-   * Authorized Person Name * Authorized Person Designation * Authorized Person Email * Authorized Person Phone Number * Owner/Director/CEO Person Name * Owner/Director/CEO Person Designation * Owner/Director/CEO Person Email * Owner/Director/CEO Person Phone Number * Region * Address – For this we will use Google Places API. * Registration Document * Pin Number * Photo Id of the Director/owner/CEO * Email * Phone number * Password * Confirm password |  |
|  | OTP verification | User will receive a 4-digit OTP verification code on their registered number. |  |
|  | Login | After reviewing the user’s registration details admin will approve the profile and user will be able to login with following credentials-   * Authorized/Owner Email * Authorized/Owner Password   Note - Both will have same type of view and functionality. |  |
|  | Forget password | User will receive a recovery mail on their registered email address and from where user can reset their password. |  |
|  | Activity Management | User will be able to view, add, deleted activities that he provides. |  |
|  | View |  |  |
|  | Add Activity | User will be able to add new park with following information-   1. Location - (Google places). We have to consider this location for calculating distance. 2. Activity Start Time and End time 3. Number of Units that can provide activity. 4. Activity duration – It will be per day or per 2 hours or per 5 hours. 5. Activity Type – It will be static list will provided by client.  * National Art Gallery * Medical Tourism * Museum * Maasai Village   + - * Mountain Climbing       * Archaeological Sites       * Nature Park       * Culture Village       * Animal Orphanage       * Zoo/Museum       * Volunteering       * Local Market & Bazaar       * Food & Spice Tour       * Lake Boating       * Rafting       * Bird Watching       * Golf Course       * Hot Air Balloon       * Historic Sites       * Evening / Night Game Drive       * Culture Events       * Cycling Safari       * Snorkelling       * Walking / Hiking       * Scuba Diving       * Paragliding       * Horse Riding       * Camel Walking Safari       * Wind Surfing       * Fishing       * Mountain Climbing       * Train Safari       * Mountain climbing       * Orphanage/ Safari walk  1. Price- Price will be either per day, per adult or per child. Supplier will define the rates for kenya shilling and USD for following categories from a particular date to a specific date 2. Seasonality: From Date/To Date / Year Round 3. Child non- resident 4. Child resident 5. Student resident 6. Citizen 7. Resident 8. Non- Resident |  |
|  | Booking management | User can view all bookings including upcoming, Present and Past bookings.  Corresponds to past booking that are 14 days old, Supplier can request for the payments. A message/notification will be shown at admin’s end.  Supplier can also see the rating and review made by the user. |  |
|  | Edit Profile | User can view, request for withdrawal to admin for payment. |  |
|  | Log out |  |  |
|  | TOTAL |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Restaurant panel** | | | | | | |
| **S/N** | **Task** | | **Description** | | **Website** | |
|  | Wireframes | | We will make the wireframes as per the flow of the application. | |  | |
|  | UI designing | | Here we will make the designs for application and website. Amazon Prime is the reference for UI. | |  | |
|  | UI implementation | | End to end navigation with static data will be there. | |  | |
|  | Registration | | User will be able to registered with following information-   * Authorized Person Name * Authorized Person Designation * Authorized Person Email * Authorized Person Phone Number * Owner/Director/CEO Person Name * Owner/Director/CEO Person Designation * Owner/Director/CEO Person Email * Owner/Director/CEO Person Phone Number * Region * Registration Document * Pin Number * Photo Id of the Director/owner/CEO * Safety & Health Measures - Here user can upload the PDF document. * Address – For this we will use Google Places API. * Email * Phone number * Password * Confirm password | |  | |
|  | OTP verification | | User will receive a 4-digit OTP verification code on their registered number. | |  | |
|  | Login | | After reviewing the user’s registration details admin will approve the profile and user will be able to login with following credentials-   * Authorized/Owner Email * Authorized/Owner Password   Note - Both will have same type of view and functionality. | |  | |
|  | Forget password | | User will receive a recovery mail on their registered email address and from where user can reset their password. | |  | |
|  | Restaurant management | | Here user can view, add, edit and remove the restaurants. | |  | |
|  | View | |  | |  | |
|  | Add | | User can add new restaurant with following information-   1. Name of the restaurant 2. Address 3. Photos- maximum 10 not more than the size of 2 MB. 4. Other entertainment & family services- Here user will be shown the pre-defined options and user can select multiple- 5. Baby safety gates 6. Kids playing equipment 7. Indoor play area 8. Books, DVDs, music for children 9. Board games 10. Baby-sitting(Additional charge) 11. Description of the restaurant- Maximum of 400 characters. 12. Number of Restaurant Lounge to be added - For every every lounge user has to provide following information. 13. Cuisine type- 14. Pure Veg 15. African 16. American 17. British 18. Italian 19. Mediterranean 20. Pizza 21. Local 22. Asian 23. International 24. Latin American 25. Sea food 26. Menu- Here user will add the following information- 27. Breakfast, Lunch or dinner 28. Type- 29. A la carte 30. Live kitchen 31. Buffet 32. Beast of feast 33. Seating capacity 34. Per person price- User will define the rates for following categories from a particular date to a specific date. The price will be in kenya shillings and in USD. 35. Child non- resident 36. Child resident 37. Student resident 38. Citizen 39. Resident 40. Non- Resident 41. Theme night- 42. African music 43. Jazz 44. Old School 45. Traditional dance   User will select the date and time for the above options.   1. Submit- after entering the above details user will submit that. | |  | |
|  | Edit | |  | |  | |
|  | Remove | |  | |  | |
|  | Booking management | | User can view all bookings including upcoming, Present and Past bookings.  Corresponds to past booking that are 14 days old, Supplier can request for the payments. A message/notification will be shown at admin’s end.  Supplier can also see the rating and review made by the user. | |  | |
|  | Edit Profile | | User can view, request for withdrawal to admin for payment. | |  | |
|  | Log Out | |  | |  | |
|  | **Total** | |  | |  | |
| **Hotel Web Panel** | | | | | | |
| **S/N** | | **Task** | | **Description** | | **Efforts** |
|  | | Wireframes | | Here we will create the required wireframes as per the flow mentioned below. | |  |
|  | | UI designing | | Here we will create the UI Designing. | |  |
|  | | UI implementation | | All functionality mentioned below will be the part of UI implementation. | |  |
|  | | Registration | | User will be able to registered with following information-   1. Name of the Hotel and indicate if standalone or chain of hotels. If it’s a chain of hotels, we have to ask user the number of hotels and we have to ask user that much time the information mentioned below starting from point number 10 2. Authorized Person Name 3. Authorized Person Designation 4. Authorized Person Email 5. Authorized Person Phone Number 6. Owner/Director/CEO Person Name 7. Owner/Director/CEO Person Designation 8. Owner/Director/CEO Person Email 9. Owner/Director/CEO Person Phone Number 10. Location- User will enter the location name. We will use places API here. 11. Hotel Category – Luxury, Mid Range and Budgeted. 12. List your property type (User have to choose the property type from the given options and How many for each type and their locations if they are chain of hotels and they own multiple) 13. Apartment 14. Guest house 15. Holiday homes 16. Villa 17. Hotel 18. Lodges 19. Tented Camp 20. Beached resorts 21. Farm Stay 22. Chalet 23. Cottage 24. Camp site 25. Homestay 26. Main Pictures of the property (Max 5 – size under 3 MB) 27. Email 28. Phone number 29. Registration Document 30. Pin Number 31. Photo Id of the Director/owner/CEO 32. Safety & Health Measures - Here user can upload the PDF document. 33. Password 34. Confirm password   Note - Tented camps, Luxury Camps and Lodges will be there in national park. So we have to ask user to provide the national park details. | |  |
|  | | OTP verification | | User will receive a 4-digit OTP verification code on their registered number. | |  |
|  | | Login | | After reviewing the user’s registration details admin will approve the profile and user will be able to login with following credentials-   * Email * Password | |  |
|  | | Forget password | | User will receive a recovery mail on their registered email address and from where user can reset their password. | |  |
|  | | Hotel Management | | This option will be available in case it’s a chain of hotels. Here user can see the list of hotels. User can view the list and can edit the hotel information. | |  |
|  | | Room management | | User will be able to view, add, deleted rooms. In case if this is a hotel chain then user have to select hotels first and then they can select the rooms. | |  |
|  | | View | | User can see the details of the already added rooms. | |  |
|  | | Add Rooms | | User will be able to add new rooms with following information-   1. No of Rooms With same facility - This will add the selected number of rooms in the system. 2. Room Name 3. Floor No (optional) 4. Full Day Veg and Non Veg Game Drive Picnic Lunch = Amount will be per person. It will be all seasons. 5. Discount Percentage for taking full day game drive picnic lunch. 6. No of guests it can accommodate (Dropdown – (1-10)) 7. **Outdoor services** - User will have a add button next to every option, User can add that particular service which they provide and user have to mention the additional amount if any associated with that service.   (Additional charge - Yes/No)   * Outdoor furniture * Beachfront * BBQ facilities (Additional charge) * Terrace * Garden   (Additional charge - Yes/No)   * **Reception services**- User will have a add button next to every option, User can add that particular service which they provide and user have to mention the additional amount if any associated with that service. * Lockers * Concierge service * Luggage storage * Currency exchange * Express check-in/check-out * 24-hour front desk  1. **Accessibility Services for Disabled**- User will have a add button next to every option, User can add that particular service which they provide and user have to mention the additional amount if any associated with that service.  * Higher level toilet * Toilet with grab rails * Wheelchair accessible * Lower Bathroom Sinks * Emergency Code in Bedroom * Visual Aid: Braille * Visual Aid: Tactile signs * Auditory guidance  1. **Pets are allowed (Yes/No)** 2. **Activity-** User will have a add button next to every option, User can add that particular activity which they provide and user have to mention the additional amount if any associated with that activity.  * Aerobics * Live music/performance * Themed dinner nights * Beach * Evening entertainment * Kids' club * Water sport facilities (on site) (Additional charge ) * Entertainment staff * Windsurfing (Additional charge) * Children's playground * Golf course (within 3 km)   **9)Entertainment and family services** - User will have a add button next to every option, User can add that particular service which they provide and user have to mention the additional amount if any associated with that service.   * Baby safety gates * Kids' outdoor play equipment * Indoor play area * Books, DVDs, music for children * Board games/puzzles * Babysitting/child services (Additional charge)   **10) Cleaning service** - User will have a add button next to every option, User can add that particular service which they provide and user have to mention the additional amount if any associated with that service.  (Additional charge - Yes/No)   * Daily housekeeping * Trouser press Additional charge * Shoeshine * Ironing service Additional charge * Dry cleaning Additional charge * Laundry Additional charge     **11) Wellness services** - User will have a add button next to every option, User can add that particular service which they provide and user have to mention the additional amount if any associated with that service.  (Additional charge - Yes/No)   * Kids' pool * Fitness/spa locker rooms * Fitness * Massage chair * Spa/wellness packages * Foot bath * Spa lounge/relaxation area * Spa Facilities * Light therapy * Body wrap * Body scrub * Body Treatments * Hair styling * Hair cut * Pedicure * Manicure * Hair treatments * Make up services * Waxing services * Facial treatments * Beauty Services * Sun umbrellas * Sun loungers or beach chairs * Shallow end * Pool bar * Pool/beach towels * Water slide * Outdoor pool (all year) * Outdoor pool * Massage (Additional charge - Yes/No) * Spa and wellness Centre (Additional charge - Yes/No) * Fitness center * Sauna (Additional charge - Yes/No) * Swimming pool   **12) Foods and drinks**- - User will have a add button next to every option, User can add that particular service which they provide and user have to mention the additional amount if any associated with that service.   * Chocolate or cookies (Additional charge - Yes/No) * Fruits (Additional charge - Yes/No) * Bottle of water (Additional charge - Yes/No) * Wine/champagne (Additional charge - Yes/No) * Kid-friendly buffet (Additional charge - Yes) * Kid meals (Additional charge - Yes) * Special diet menus (on request) (Additional charge - Yes) * Snack bar (Additional charge - Yes) * Breakfast/Lunch/Dinner in the room -It will be a complimentary service. * Bar (Additional charge - Yes) * Restaurant (Additional charge - Yes) * Good coffee! (Additional charge - Yes)   **13) Business Facilities-** User will have a add button next to every option, User can add that particular service which they provide and user have to mention the additional amount if any associated with that service.   * Fax/photocopying (Additional charge - Yes/No) * Meeting/banquet facilities (Additional charge - Yes/No)   **14) Safety and security** - User will have a add button next to every option, User can add that particular service which they provide and user have to mention the additional amount if any associated with that service.   * Fire extinguishers * CCTV outside property * CCTV in common areas * Smoke alarms * Security alarm * 24-hour security * Safety deposit box  1. Wi-Fi is available in hotel rooms and is free of cost 2. **General services-** - User will have a add button next to every option, User can add that particular service which they provide and user have to mention the additional amount if any associated with that service.  * Designated smoking area * Air conditioning * Non-smoking throughout * Allergy-free room * Shops (on site) * Packed lunches (Additional charge - Yes/No) * Soundproof rooms * Gift shop * Bridal suite * VIP room facilities * Family rooms * Facilities for disabled guests * Airport shuttle (Additional charge - Yes/No) * Non-smoking rooms * Room service  1. **Room Facilities-**User will have a add button next to every option, User can add that particular service which they provide and user have to mention the additional amount if any associated with that service.   (Additional charge - Yes/No)   * Kitchen/kitchenette * Private bathroom * Air conditioning * Bath * Terrace * Balcony * Flat-screen TV * Washing Machine * Patio * Soundproofing * View * Electric kettle * Coffee/tea maker * Coffee machine  1. **Parking-**User will have a add button next to every option, User can add that particular service which they provide and user have to mention the additional amount if any associated with that service.  * Private parking (Additional charge - Yes/No) * Accessible parking * Secured parking  1. **Transportation** **-**User will have a add button next to every option, User can add that particular service which they provide and user have to mention the additional amount if any associated with that service.  * Airport drop off (Additional charge - Yes/No) * Airport pick up (Additional charge - Yes/No)  1. Photos of the room (max 5 – size 4 MB). 2. Add description of the room – 200 words 3. Number of Person (Child + Adult) 4. Price Per Adult & Per Child as per the Seasonality (From Date and To Date) when rates are applicable for Resident, Non Resident and Student. The price will be in kenya shillings and in USD. 5. Ground Package Cost(1 Night, 2 Nights and 3 Nights)Seasonality (From Date and To Date) when rates are applicable for Resident, Non Resident and Student. 6. Total Price - It will be automatically calculated.   Note - All the additional charges are paid at the hotel. | |  |
|  | | Delete Room | |  | |  |
|  | | Booking management | | User can view all bookings including upcoming, Present and Past bookings.  Corresponds to past booking that are 14 days old, Supplier can request for the payments. A message/notification will be shown at admin’s end.  Supplier can also see the rating and review made by the user. | |  |
|  | | Edit Profile | | User can view, request for withdrawal to admin for payment. | |  |
|  | | Log out | |  | |  |
|  | | TOTAL | |  | |  |

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| **Admin Panel** | | | |
| **Sr. No.** | **Tasks** | **Efforts** | **Efforts** |
|  | Wire frames | Here we will create the required wireframes as per the flow mentioned below. |  |
|  | UI designing | Here we will create the UI Designing. |  |
|  | UI implementation | All functionality mentioned below will be the part of UI implementation. |  |
|  | Login | Admin will be able to login with a predefined email id and password. |  |
|  | Forgot Password | Application will send an email to the admin’s predefined email id. |  |
|  | Dashboard | 1. Number of Registered users  2. Number of Registered Suppliers 3. Number of Total Bookings 4. Conversion rates 5. Number of Male & Female 6. Millennial (age 24-38), Gen X (age 39-53), Boomers (age 54-72) Registered user count 7. Top 5 countries having largest number of users. 8. Top 3 supplier of each category based on the ratings 9. Top 5 customers who have more then 1 bookings. |  |
|  | User Management | Here admin can see the list of registered users. Admin can view their details can edit it. Admin can also see their Safari Bookings. |  |
|  | Tour Guide Management | Here admin can see the list of tour guides. Admin can edit them and can delete them. |  |
|  | Add Personal Info | User will be able to registered with following information-   1. Name of the Freelancer 2. Region 3. Gender 4. Age 5. Contact No 6. Profile picture (passport size high res) 7. Countries Visited (Max-10 ) 8. Places Visited (Max-10 ) 9. Languages (Max- 10 ) 10. Work experience 11. Educational Background 12. Specializations(Example – Climbing) (Max- 10) 13. No of safari done 14. Vehicle type and Vehicle number 15. Daily Allowance 16. Last Safari date– system pick automatically |  |
|  | Add Vehicle | User will be able to add new vehicle with following information-   * Select image of vehicle type – It will be preloaded on the system * Vehicle type * Van * Land cruiser * Overland Truck * No of passengers – Min and max Values * Front Ac(Yes/No) * Rear AC(Yes/No) * Cooler- Cooler box (Yes/No) * Cooler- Portable Fridge (Yes/No) * Pop up Roof(Yes/No) * 1 Binocular (Yes/No) * Water provided (Yes /No) * Baby Seat available (Yes/No) * Power Outlet (Yes/No) * Wi-Fi (Yes/No ) * Side Steps – for elderly (Yes/No) * Safari Guide Book/Checklist (Yes/No) * Picnic Hamper (Yes/No) * HF/VHF Radio (Yes/No) * Vehicle – 4X4 (Yes/No) * Disabled Equipment (Yes/No) * Sliding Window (Yes/No) * Open sided with canvas cover (Yes/No) * Per km Rate for Van, Land cruiser and Overland truck in Dollars and Kenya Shillings. * Citizen * Resident * Non- Resident   Note - We have to show the message with per km rate. Its just for help. recommended $0.50 per km or kshs. 55 per km for Van and $1.1 per km or Kshs 110 per KM for Land cruise, $ 3.0 per KM or Kshs. 350 per KM for Overland truck) |  |
|  | Tour Guides Booking management | User can view all bookings including upcoming, Present and Past bookings.  Corresponds to past booking that are 14 days old, Supplier can request for the payments. A message/notification will be shown at admin’s end.  Supplier can also see the rating and review made by the user. |  |
|  | Supplier Management | Here admin can see the list of suppliers. Suppliers will be listed as per their category like Restaurant, Tour Guide, National Park, Activities Supplier, Events and Accommodation.  Admin can view their profile details including the service that they provide and can do the background check which is outside the scope of application and approve their profiles if everything seems fine to admin.  Admin can edit their profiles and can block or unblock them. Only after admin’s approval, supplier can do the login. Admin can see the bookings history. |  |
|  | Temporary Bookings | Here user can see the temporary bookings that were initiated by the user but the rest group members still need to pay for that. Once they pay, then all the suppliers will be notified about the bookings. A unique number is generated for each booking that they can tell to suppliers. This booking id will be corresponds to each suppliers. Every user and supplier will see this booking id. |  |
|  | Safari Management | Here application divides tabs into 3 different parts which will show the list of ongoing safari, upcoming safari and Past Safari.  Admin can see the details of the user who made the bookings and can see the list of suppliers to whom user have booked.  Admin will have the right to change the booking vendor for a particular safari but the another vendor must be having same vacant slots available.  For the past safari which is more than 14 days old can be marked as Paid. Admin can mark each individual provider as paid or not. However payment will be done outside the application. |  |
|  | Currency Conversion | Here admin will provide the value of Kenya Currency to dollars and to Euro. At the end where we are showing the total cost in the application, we have to show total in all 3 currencies. |  |
|  | Change Profile | Here admin can change their password and can add their markup percentage, it will be called as a service charge. |  |
|  | Logout |  |  |
|  | **Total** |  |  |

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| **Landing Page Content** | |
| **Sr. No.** | **Functionality** |
| 1 | 1) Application Name  2) Application Icon / logo  3) Application Description  4) Application Screen shots with Description / Features - Text will be provided by client.  5) Mailing list Subscription text bar  6) App Promo Video upload section - video will be provided by client.  5) Application Terms & Conditions  6) Privacy Policy  7) Contact Us  8) Social Media Links  9) Application download links for both Android and iOS  Sample: <https://themeforest.net/item/jironis-app-landing-one-page-psd-template/22961800> |
|  | Admob Integration |
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| 4. Cost & Timeline: |

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| --- | --- | --- |
| **Sr. No** | **Cost & Timeline** | |
| 1 | **Total Hours** |  |
| 2 | **Total Cost** |  |
| 3 | **Discounted Total Hours** |  |
| 4 | **Discounted Total Cost** |  |

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| 5. Release plan (Milestones)/Cost & Timeline |

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| --- | --- | --- | --- | --- |
| **Sr. No** | **User application** | **Web Panel** | **Admin Panel** | **API** |
|  | Wireframe, UI Designing |  | Wireframe, UI Designing, |  |
|  | UI Implementation, Register, Login, Tab bar, Safari tours, Create your Journey, Select Regions |  | UI Implementation, Login, Dashboard User Management |  |
|  | Select Master Tour Guide |  | Tour Guide Management & Tour Guide Booking Management |  |
|  | Select Mode Of Transport |  |  |  |
|  | Select National Parks | National Park Service Provider Panel |  |  |
|  | General Activity | Activity Service Provider Panel |  |  |
|  | Event Booking | Event Service Provider Panel | Supplier Management(Partial) |  |
|  | Restaurant Booking | Restaurant Service Provider Panel |  |  |
|  | Select Accommodation | Accommodation Service Provider Panel | Supplier Management(Partial) |  |
|  | Payment, My Friends, My Profile, Settings |  | Temporary Bookings, Currency Conversion, Safari Management, Change Profile, Logout, Landing Page |  |
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| 6. QA Testing |

1. Weekly updates will be provide to client after performing testing on each milestone
2. Manual testing will be follow to provide well functional application to client

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| 7. Assumptions |

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| **Sr. No.** | **Assumptions** |
| **1.** | If the Project scope deviates from the originally approved version, all scope differences will be reflected in a Scope Change Document. All parties must approve the Change in scope in order to be implemented in application. Any change in scope may increase the project complete date. The client may also incur additional charges. |
| **2.** | If we will use any 3rd party paid Services/API/SDK then client needs to pay.(Only if applicable) |
| **4.** | **Destination Safari Limited** Approval to this document will signify that all requirements are met and specified in this document. During the development time no previous document or any past comments from client side will considered. Only the things written in this SOW will be developed. |

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| 8. Technology |

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| **Sr.no** | **Platform** | **Technology** | **Details** |
|  | Mock-ups & Wireframes | Balsamiq | This will be pictorial representation of application’s flow that will depict about the functionality & features of application. |
|  | Design Screens | Adobe Photoshop & Illustrator | Application design & Icon Slicing |
|  | iOS | Swift |  |
|  | Android | Java |  |
|  | Web panels and web services | PHP |  |

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| 9. Team Information |

## 9.1 Resources Allocation

## 9.2 Roles & Responsibilities

Project Manager – Roles & Responsibilities

* Planning and monitoring the project.
* Managing the application development of the required deliverables
* Monitoring overall progress and use of resources, initiating corrective action where necessary
* Adopting and applying appropriate technical and [quality](https://www.finance-ni.gov.uk/articles/programme-and-project-quality-management) strategies and standards
* Identifying and obtaining support and advice required for the management, planning and control of the project
* Managing project administration.
* Conducting a project evaluation review to assess how well the project was managed.

Team Leader – Roles & Responsibilities.

* Develop a strategy the team will use to reach its goal.
* Get the regular updates from team members.
* Provide any training that team members needs in order to finish the project.
* Communicate clear instructions and project requirements to team members.
* Regular updates to client and project manager.
* Listen to team members' feedback.

Developer/Tester/Designer – Roles & Responsibilities.

* Do the project development/testing/designing as per team lead and project manager guidelines.
* Follow the standard coding/testing/designing protocols.
* Do the regular testing.
* Do the regular reporting to team leader.
* Discuss any flaw or any problem with team leader.

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| 10. Project notes |

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| **Sr. No.** | **Project notes** |
| 1 | Please go through the project ETA. This covers up the functionality as per primary requirement. If further new task or modification will be mentioned in later stage then estimation will reconsider and hours may increase as per tasks. |
| 2 | In order to deliver the project on time, we would be timely feedback from client end. |
| 3 | If I missed/add additional anything then please add or remove the tasks and reply me for this. |
| 4 | Free maintenance for 2 years will be provided during which any bug in the code will be resolved free of cost after the applications will be deployed in the respective stores. |
| 5 | Communication will only be done with **Destination Safari Limited** if any how any other person includes during development and share any kind of suggestion/modification that will be time taking then project scope will be re-analyzed. |

# 11. Development Cycle



# 12.Document Approval

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| --- | --- | --- |
| **Name** | **Role** | **Signature** |
|  |  |  |