

Proposal for development of Mobile Application **“Event Snapshot”,**

Functional Requirement\_v1.0

Version 1.0

Executive Summary

The purpose of this proposal is to specify functional as well as non-functional requirements and business objectives for “Event Snapshot”.The Proposal will provide a detailed specification of the requirements.

Detailed scope is given below.

# Project Details

|  |  |
| --- | --- |
| **Project Name** | Event Snapshot |
| **Company Name** |  |
| **Project Type** | **Mobile Application** |
| **Project Start Date** |  |
| **Project End Date** |  |
| **Project Methodology** | **Agile Development** |

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1. **Project Overview**

Assuming you need an mobile application & website which will enable its users (photographer users) to quickly upload photos from their event gig of guest in real time. This app is a great way for smartphone photographers to earn money by taking photos of guest at an event like party, bar, club etc.

Whereas users of the app can view the event file page of their photos, selections of photos they want & can checkout.

Where as the System Administrator will have the full control over the activities of all the users of the system & also responsible for managing the same.

1. **Project Scope**

The scope of project **“Event Snapshot”,** includes the way for photographer user to earn money using their smartphone, for that user needs to have internet connection.

* 1. **Scope of Project Includes:**
* Analysis
* Designing
* Coding
* Testing
* Maintenance
  1. **Stakeholders:**
* Photographer User
* Users / Buyers
* System Administrator

1. **Functional Requirement of Photographer User**
   1. **Splash Screen**

* The splash screen for the truck driver application would show company logo as well as name.
* The screen of the same would hold for 2 to 3 seconds.
  1. **Welcome Screen**
* This screen will have a small introduction content for photographer user.
* This screen contains 2 option for users:
* Login
* Sign up
  1. **Login**
* The app will give the user the ability to login through their personal social accounts like email id, Facebook, Twitter, Google+ Account.
* By entering the valid email id & password user can log into the app.
* Email Id
* Password
* Login (button)
* Sign up (button)
* In case if user forgot their password they can retrieve it through **Forgot Password Option.**
  1. **Sign up**
* In order to create an account with the app, user needs to enter the following details mentioned below:
* Profile Photo
* First Name
* Last Name
* About Me
* Email Address
* Password
* Confirm Password
* Sign up (button)
* After user enter all the above details, user will be redirected to the payment screen & once the payment is done a pop-up showing “Thank you” Message will be shown to the user.
* Once the payment is done user will get a email for verification.
* Once verified the user will be redirected to the **home screen / command screen.**
  1. **Forgot Password**
* In case if user forgets their password, they can retrieve and recover the same by simply tapping on the **Forgot Password Link.**
* By entering the **email address** an email will be send to the user, using that user can **reset their password and login again with the app.**
  1. **Reset Password**
* User should be able to access **Forgot Password link.**
* User should be able to enter a registered **Email ID.**
* On submitting a registered Email Id, user should receive an email **(containing the Reset Password Link)** on the entered Email Id.
* Tapping on the Reset Password Link should take the user to an appropriate web screen where they should able to enter:
* New Password
* Confirm Password
  1. **Home Screen / Command Screen**
* This will be the main screen from where users can access all the features of the app in a user friendly way.
* This screen contains following fields mentioned below:
* User Profile Picture
* User Name
* User Social Media icons
* This screen displays the main features of the app mentioned below:
* Account Settings
* Create Event
* Dashboard
* Stripe Connect
* Event History
* By clicking on any of the above link user will be redirected to its respective screen.
* The navigation bar of the app contains the following fields mentioned below:
* Home
* Account Settings
* Dashboard
* Create Event
* Event History
* Financial Account
* Stripe Connect
* Logout
  1. **Account Setting**
* This screen will allows users to view their public profile.
* User can manage their own profile from this screen.
* User can view following details mentioned below:
* Profile Picture
* Name
* Email Address
* Phone Number
* Social Media Icons
* About Me
* User can also modify their own profile details if required by clicking on **Edit Profile** button available on the screen.
* User can also delete their own profile by clicking on **Delete Profile** button available on the screen.
  1. **Dashboard**
* This screen will enable users to view the following details in form of graphs:
* Total Photos Taken At Events
* Total Event Attend
* Total Profit Per Event
* Total Transaction
* Photographer User Dashboard to see how many photos they’ve taken per event, profit per event, and total profit from all events per year, mtd, week, specific date or custom date range.
* Total Transactions per year, mtd, week, specific date or custom date range.
  1. **Create Event**
* This screen will enable users to create an event within the app itself.
* In order to create new event, user needs to following details:
* Event Title
* Price Per Photo (choose)
* Set Price
* Donation with minimum donation required. **(Allow the customer to donate an amount of their choosing)**
* Add Event File (button)
* If user selects **“set price”** drop down an option for user to type in their set price per photo:  **($0.00)**
* If user selects **Donation with minimum donation required**, drop down option should allow the user to type in the minimum donation required from customer, with the note to the user **‘’ Please type in the minimum donation required from customer”,** the customer will be required to donate either the minimum required donation or an amount higher than the required amount.
* After user submits details for their new event, they should be directed to a page that allows them to **Add Event Files.** 
  1. **Add Event File**
* This screen will enable users to add a event file by entering the following details mentioned below:
* File Name / File Number
* Add Photos to File

Or

* Take Photos from Camera
* An image of a file icon that user clicks to add photos to a file.
* After user clicks the image icon of a file, they are taken to another screen to **‘’take a photo’’ or ‘’upload photos’’** from their device.
* If they click **Take Photo their camera** opens up to take the photo, after they take photo, they are given options under the photo they just took that says:
* Add Photo
* Retake Photo
  1. **Submit Photos**
* This screen will display the picture which user has just clicked from the app.
* This screen will allow users to have 2 options for the photos:
* Add Photo
* Retake Photo
* **If user adds photo:** The photo is added to that particular event file. Then the screen displays two options, either **‘’Take Another Photo +’’ or ‘’ Save and Close Event File’’..**
* If user clicks take another photo instead of close event file, the process should repeat for photos to be added to the same event file for user to add more photos.
* However, if user clicks **‘’Save and Close Event File’’** if user clicks **‘’Save and Close Event File’’**, the screen goes to the **‘’Notification Alert’’ screen.**
  1. **Notification Alert**
* Once user clicks “Save & Close Event File”, they will be redirected to this screen where user needs to enter the following details in order to send the photos to their customers:
* Phone Number / Add Mobile Number
* Add Email Address
* Add More Contacts (button)
* Done (button)
* If user selects **Add More Contacts t**hen provide the user with more fields to add more mobile numbers and email address.
* If user selects **Done,** then the screen should go back to the a**dd event file** screen, where the user should also see the file of photos they’ve just taken – saved and closed.
* The event file they just saved and close should be titled by title of event/file number, and under the closed file should be **‘’Add Event File’’** that allows user to create more event files within the same **‘’Create Event Title’’** screen.
* Another option on the add event file page after the user has saved at least one event file is to **‘’Save and Close Event’’** whereas if they save and close event they are sent to **dashboard screen.** 
  1. **Event History**
* This screen will enable users to view a list of all the events created by them along with the title & date.
* User can also Add New Event File from this screen.
  1. **Financial Account**
* This screen will enable users to view how much they have earned in form of graphs & bars.
* They can sort the same by:
* Weekly
* Monthly
* Yearly
* Today

1. **Functional Requirement of Users / Buyers**
   1. **Landing Page / Home Page**

* User will get a mail or message which have **‘’ Great News! Your Event Photos are ready to view, Click Link to view”.**
* Once the user clicks on the link, they will be redirected to the page where they will be able to view their event file.
* This page contains their event file in which all the photos which photographer user has clicked.
* By clicking on the file user will be redirected to **“View Photos”** page.
* **Note:-** If the photos are not purchased, the system auto sends the mobile numbers and email addresses a text and email message 2 days later reminding them to purchase their photos before they are permanently deleted out system in 24 hours .
* But also adds, your photos will be deleted from our database in 24 hours.
  1. **View Photos**
* This page will enable users to view their photos along with the price per photo.
* Users can select the photos which they want to purchase.
* User can also view the photographer details from this page.
* **Note:-** The photos here in will have a watermark, once the user purchase the photos.
* ALL event files at the specific event (with watermark on photos and ability for link holders to purchase one or multiple photos).
* User can mark the photos they want to purchase & can add to their cart by clicking on **Add to Cart** button.
  1. **My Cart**
* User can view the total amount of the photos they want to purchase from this page.
* User can also remove the photo from their cart if required.
* By Clicking on **Download** button, user will be redirected to the payment page.
  1. **Thank You**
* After the payment user will get a message showing **“Payment Complete”,** Thank You for your Payment. Your photos have been emailed to you, and you may also download your photos on your device from the link below.
* Along with the image thumbnail & a download option for the users.

1. **Functional Requirement of System Administrator**

* **Manage Users Profile (add / edit / delete)**
* **Manage Notifications (add / edit / delete)**
* **Manage Event Files (add / edit / delete)**
* **Manage CMS Pages**
* Admin will be responsible for overall managing the site.
* Admin has the power to deactivate any user that is a repeated offender.

1. **Assumptions / Notes**

* Please confirm the above feature listing and do let us know if you want to add/remove any feature apart from above mentioned.
* You have to provide us with all the third party api’s, Logo (.jpeg, png), Color Combination and high level graphics.

1. **Project Timeline:**

**Note:** *Timeline may be changed, if there is any change in scope.*

**Milestones/Payment terms**

30% upfront payment at time of project kick-off

50% on completion of website

20% on going live

**Note:** *Price and timeline of development will vary upon changes made in design/features.*

1. **Team Structure**

**Project Manager**

**Business Analyst**

**Tester**

**Designer**

**Developer**

1. **Testing**

As a company, Latitude believes in manual testing for software development. Our Quality Assurance team performs manual testing of every software product, manual testing result in quality and perfect software product.

Manual Testing is a process of finding out the defects or bugs in a software program. In this method the tester plays an important role of the end user and verifies that all the features of the application are working correctly.

The tester manually executes test cases without using any automation tools. The tester prepares a test plan document which describes the detailed and systematic approach to testing of software applications.

Test cases are planned to cover almost 100% of the software application. As manual testing involves complete test cases it is a time consuming test.

The goal of manual testing is to ensure that application is defect & error free and is working fine to provide good quality work to customers.

1. **Documentation /Handover**

Latitude believes in complete transparency and also respect the confidentiality of the client information. Thus, at the beginning of every development, we mostly sign NDA with our clients for their assurance and once the project is completed, we hand over all the project related documents, commented source code and other details to the clients.

The goal of successful project development is to obtain stakeholder acceptance of the project result. This means that the stakeholder agrees that the quality specifications of the project parameters have been met. In order to make this go smoothly, the stakeholder and project manager must have a well-documented criteria of performance in place from the beginning of the project. Final project delivery is completed when we deliver/handover final software product with all required documents.

Document Handover Activity is a part of the process that must be agreed at the initial stages of the project. The decision can be taken to do same on a phased basis or on completion of the job.

Document Handover should be completed on time and clients receive all required as built handover documentation for construction projects on time, giving them instant access to critical documentation.

Document handover is a part of project delivery. We deliver the project with all the required documents. In document handover we include manuals, procedures, database, technical documents, and Source code and deliver a High Level overview of the project.

1. **Escalation/Change Request**

Escalation Matrix

**Team Leader**

**Project Manager**

**CTO/CEO**

1. **Change Request**

If there is any change in scope or any additional features are added, then it will be considered as a Change request. We will calculate the total no. of extra efforts required and will be charged at the rate of $12/hour.

The client needs to give the approval of the Change request along with the efforts & cost and then only those changes will be included.

1. **About US**

Latitude Technolabs Pvt. Ltd (Earlier Quantum Techno labs) has been in market since past 10 years. As a market leader in Web & Mobile app development, Latitude focuses on achieving the best through creating the best. Our only objective is 100% satisfaction for our clients, not just on the macro level or application development, but through different stages of the software development life cycle.

Amazing number you might be looking for:-

* 18 Domains Covered
* 200+ Mobile Apps Developed
* 100+ Websites Created
* 20+ countries served
* 100% Retention Rate
* 60+ Professionals with wide experience

The domains we have considered to work on: E-commerce, Banking & Finance, Travel & Tourism, Transportation, Food & Beverages, Health-care, Social Networking, Education, Real Estate, Professional Services, News & Media, Sports, Entertainment, Crowd-funding, Safety, Agriculture and Automobiles

There are multiple reasons to work with Latitude Techno labs, but the biggest is that we enjoy delivering world-class solutions that can win the market.

We don’t speak for ourselves; our clients do!!

