KuntZ APP

Mobile Application

Scope of Work Document for

McDonagh Kuntz

Version 1.0

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Prepared By

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Table of Contents:

[1. Project summary: 3](#_Toc162023471)

[2. Deliverables: 4](#_Toc162023472)

[3. Technology Stack Details: 4](#_Toc162023473)

[4. Scope of work: 5](#_Toc162023474)

[5. Detailed Task | Customer |Front End|: 5](#_Toc162023475)

[5.1 SPLASH SCREEN 5](#_Toc162023476)

[5.2 SIGN-UP SCREEN 5](#_Toc162023477)

[5.3 LOG-IN SCREEN 5](#_Toc162023478)

[5.4 FORGOT PASSWORD SCREEN 5](#_Toc162023479)

[5.5 HOME SCREEN 6](#_Toc162023480)

[5.6 MY ACCOUNT SCREEN– 7](#_Toc162023481)

[5.7 TASK LIST 7](#_Toc162023482)

[5.8 TASK DETAILS SCREEN 7](#_Toc162023483)

[5.9 MY TASK – 8](#_Toc162023484)

[5.10 MY WALLET 8](#_Toc162023485)

[ Earned Points 8](#_Toc162023486)

[ Reedem points 8](#_Toc162023487)

[6. Detailed Task | Admin |Back End|: 9](#_Toc162023488)

[6.1 LOG-IN PAGE 9](#_Toc162023489)

[6.2 CHANGE PASSWORD PAGE 9](#_Toc162023490)

[6.3 ADMIN DASHBOARD 9](#_Toc162023491)

[6.4 USER MANAGEMENT 9](#_Toc162023492)

[6.5 CATEGORY MANAGEMENT 9](#_Toc162023493)

[6.6 CONTACT MANAGEMENT 9](#_Toc162023494)

[6.7 CMS MANAGEMENT PAGE 9](#_Toc162023495)

[6.8 TASK MANAGEMENT 10](#_Toc162023496)

[6.9 VIRTUAL GIFT CARD MANAGEMENT 10](#_Toc162023497)

[6.10 SETTINGS PAGE- 10](#_Toc162023498)

# Version History

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# Project summary:

This is a project about an online mobile application where users will be able to view daily quests as assigned by the admin and further on users will be required to complete the task and upload the images in respect to the specific task. Upoloaded images for any specici quests will further be evaluated by the admin. After completion of the task the users will be rewarded with points, which can further be redeemed by the users by purchasing virtual gift cards as available in the application. Virtual gift cards will further be uploaded by the admin in the application.

* There will be 2 types of users in this application:

1. User
2. Admin

# Deliverables:

Our job will be to deliver the following mentioned points-

* Implementation of the user interface of the mobile application.
* Implementation of the functional aspect of the application.

Apart from the mobile application, we will be developing the admin panel as a back-end portal.

# Technology Stack Details:

We are going to use the following technology stack to develop the website.

* **Front-end –** Flutter
* **Back-end (Admin) –** Node Js
* **Database –** MongoDb
* **Web server –** AWS – Amazon Web Server

# Scope of work:

In this project following are the list of deliverables. All the points are detailed discussed below

# Detailed Task | Customer |Front End|:

1. SPLASH SCREEN – User will be able to view the company logo and Application name on the splash screen of the application. Both logged in and non-logged in customers in the application will be able to see this screen when they visit the application.
   * **INTRODUCTORY SCREEN**– User will be able to view the aspect of the application, the benefit to use the application.
2. SIGN-UP SCREEN **–** User will be able to sign up and get registered into the application from this screen. For this, user needs to provide the following information’s.
   * Enter their First name,
   * Enter their Second Name,
   * Email id,
   * Mobile Number,
   * Zip Code,
   * City,
   * Desired password.
   * They also need to check and accept Terms and Conditions of the application.
   * Users will further click on sign up button to get registered in the application.
3. LOG-IN SCREEN **–** Registered user can login from this screen. For this user has to provide their email address and password as they have entered during registration, email address and password will be the login credentials to enter the application.
4. FORGOT PASSWORD SCREEN **–** If a user forgot their login password, they can recover it by using this module. The steps for the same are mentioned below
   * On clicking the Forgot password link, a pop up asking the user to provide their registered email address will show up. On entering the correct email address, an OTP will be sent to the registered email address. A message for the same will also be shown to the user.
   * User will click next to see the OTP validation pop up and further be able to enter the OTP that they received via email address in the OTP validation popup.
   * After successful verification, the user has to provide their new password and re-enter the new password as the confirmation.
   * A pop-up will show a message for the successful change of the password.
5. HOME SCREEN **-** This will be the landing screen of the mobile application after users sign up/logs in the application. User will see the logo of the application. Apart from this, they can see the below-mentioned section also
   * **Header Bar –** Users will be able to view the name and logo of the application.
   * **Environmental Task Categories –** Users will be able to view and access the categories to define or identify tasks, where users will be able to select any specific categories to view task listed within the same such as
     + - Nature
       - Mountains Etc. ( As updated by admin).
   * **Search** – This section will be at the top of the application, this section will allow the user to search any
     + - Task as per their need.
       - Task Categories
   * **Assigned Tasks** – This section will provide the users to view the list of all the tasks those have been already assigned or accepted by them in the application such as
     + - **Task View –** Users will be able to view the task as specified in below manner such as
         * Task Name
         * Task Cover Image
         * Task Short description
         * **Action Button –** Users will be able to click on Start now button available below the task view section allowing the users to start a new task in the application.
   * **Bottom Bar –** This bottom bar will be accessible to the users in all navigational screens. Bottom bar will provide the users to access
     + - **Task List –** This section will allow the user to view the list of upcoming and past tasks in the application.
       - **My Wallet –** This section will allow the users to view the view the points earned and points to be redeemed by the users.
       - **My Profile –** This section will allow the users view and update their profile.
       - **My Task –** Users will be able to view the task as accepted by them in the application.
6. MY ACCOUNT SCREEN–From this screen, logged in user can see all the information related to their account. User account screen will be displayed at bottom of the home screen with image of the user**,** Here user can see the following
   * **Profile Statistics –** Users would be able to view different statistics in respect to the activities in the user profile such as
     + - **Total Tasks completed –** Users will be able to view the count of total posts completed by them.
       - **Total task pending –** Users will be able to view the count of total posts pending by them to complete.
   * **Edit Profile**
     + - Name of the user
       - Email id of the user
   * **Change Password**- From where user can change their password
   * **Delete Account** - From this section user can delete user account if required.
   * **Profile Pictures -** From this section user can add their profile picture.
7. TASK LIST **–** This section can be accessible by the user from the bottom bar of the application, where users will be able to view the below details such as
   * **Task Category –** Users will be able to search/filter task through various category as defined by the admin.
   * **Tasks View –** Users will be able to view the list of all the task available in the application for different category as defined by the admin such as
     + - Task Name
       - Task Cover Image
       - Task Short Details
       - **Action Button –** Click on view more to get naviagted on the task details screen.
8. TASK DETAILS SCREEN **–** Users will be able to access the task details page after selecting any specific task from the list such as
   * **Task View** –Users will be able to view the task description in below format such as
     + - Task Name
       - Task Cover Image
       - Task Description
       - Task End Date
       - Task Points Assigned.
9. MY TASK – Users will be able to access my task section, allowing them to view the active started tasks and also past completed tasks such as
   * **Active Task –** Users will be able to view the list of all the active tasks in the application, where users will be able to access the below details such as
     + - Task Name
       - Task Start date & Time
       - Task Description
       - Task Points to earn
       - **Task Update –** Users will be able to click on task update to enter the images/videos in terms of the task and click on continue to submit the task details for admin to review.
         * Admin Review – Admin will be able to review the task update as provided by the user, such that if the uploaded media suits the task then admin will be able to mark Accepted/rejected to mark the acceptance of the task.
   * **Completed Tasks** – Users will be able to view the list of task those have been started and completed by them in the application, such that after the approval fo the task updates by the Admin.
10. MY WALLET – Users will be able to access my wallet section allowing the users to access the below mentioned details such as
    * Earned Points – Users will be able to view the count of total points earned by them in the application by further completing different tasks in the application.
    * Reedem points – Users will be further be able to redeem the earned points from the application through below manner such as
      + - **Avaialble Virtual Gift cards –** Users will be able to view the list of gift cards as available in the application based on the point value earned by them.
        - As per the gift cards accepted by them they can further click on redeem button to redeem the virtual gift cards in respect to the points earned.

# Detailed Task | Admin |Back End|:

1. LOG-IN PAGE **–** Admin can log into their account by providing log in credentials i.e. username and password.
2. CHANGE PASSWORD PAGE **–**From this module admin can change their log-in password.
3. ADMIN DASHBOARD **-** This section will allow the Admin to view Analytical graphs for
   1. Total number of Users registered,
   2. Total number of task completed.
   3. Total Number of task uploaded.
4. USER MANAGEMENT **–** From this module admin can manage the User details. Admin can add/edit/delete/block/unblock any user from the application. Admin can also be able to see the user profile details from this section.
   1. Admin can view the list of Registered users
   2. Admin can view the User profile with their details and personal information.
   3. Admin can add/register new user in the system.
   4. Admin can edit details of registered user.
   5. Admin can change status of registered user (such as active/inactive).
   6. Admin can block/unblock a user if required.
   7. Admin can delete a user from the application.
5. CATEGORY MANAGEMENT **–** This section will allow the Admin to Add/edit/delete any categories from the application.
   1. Admin will be able to add categories in the application
   2. Admin will be able to edit/update category details in the application.
   3. Admin will be able to delete any category from the application.
6. CONTACT MANAGEMENT **–** Admin will be able to add/edit contents in the contact details of the application**.**
7. CMS MANAGEMENT PAGE **–**Admin can post information related to the portal and the organization. Such as
   1. Terms & Condition
   2. Privacy Policy
8. TASK MANAGEMENT – Users will be able to view the list of raised tasks in the application and will be able to manage the task details as mentioned below such as
   1. Admin will be able to add new task in the application.
   2. Admin will be able to assign points in respect to the task.
   3. Admin will be able to edit/update task and related points in the application.
   4. Admin will be able to change the task status as active/inactive.
   5. Admin will be able to block/unblock task in the application.
9. VIRTUAL GIFT CARD MANAGEMENT – Admin will be able to view the list of gift cards added in the application. Admin will be able to add new gift card in the application. Admin will be able to delete any gift card in the application. Admin will be able to change the gift card status such as active/inactive.
10. SETTINGS PAGE- In this section Admin can update or add business contact details in the application.