

# **CSE 2101 Software Engineering**

## **Semester Project**

### **Submission 0**

#### **Group Members**

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**Organisation:** Camp Kabouyah (CK) Forest Garden

**Relationship to the Organisation:** The Proprietor is the relative of our group member Richie Goring

## **Overview**

Camp Kabouyak (Ck) Forest Garden is a former citrus farm located on a property spanning an incredible 60 acres of land, located in the vicinity of Kurukururu and Laluni on the Linden/Soesdyke highway (approximately 45 minutes drive from the Timehri/Soesdyke Junction. Bordered by Tropical rainforest to the East, the East Demerara Conservancy to the North, to the South, and West hilly sand savannas. This land has been transformed from a citrus farm to a Forest/Fruit Garden, an ideal eco-tourist spot that promotes both education and fun while allowing a digital detox and reconnection to nature. It offers tours of its fruit forest bearing in excess of 30 different types of tropical fruits, games such as volleyball, cricket, and football in its spacious recreational area, swimming in a man-made natural pool, and fishing in the many ponds on site as part of its various package deals.

## **Problems/Opportunities**

The manual reservation record keeping at Camp Kabouyak (Ck) Forest Garden presents a challenge for the organization. The current procedure involves the staff members making reservations via social media sites such as Facebook, WhatsApp, etc. The problem with this method is that there isn't a centralized database system that records reservations when they are booked by customers. This process results in the owner having delays and missed appointments when manually recording reservations, which results in the customers being overbooked and

under-booked. Additionally, there is no system in place to track any advance payments that customers may be asked to make in order to confirm their reservations.

A solution must be in place that enables the proprietor to keep track of which employees will facilitate certain activities according to the package chosen by clients.

## **Aim**

Our aim is to design an information management system that will facilitate and keep an accurate record of Camp Kabouyak Forest Gardens' transaction processes. A system that will help them to store relevant data as relates to product availability, bookings made and payment transactions. This system will help them to make more informed business decisions, to provide better customer services and help them to access updated and reliable information in a timely manner. Which in turn will enable them to better manage their business and provide a foundation to offer additional services as intend for the soon future.