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1. **INTRODUCTION**
   1. **PURPOSE**:

Medpick is an online B2B platform for medical supplies, devices, equipment, and pharmaceuticals in India. In short, we call it Alibaba for medical supplies. Small to medium sized hospitals, retail pharmacies, home healthcare agencies, diagnostic laboratories can access our platform to streamline their procurement. We have developed web and mobile applications, customized software to facilitate the entire process. The company is operational in the Indian market and we collaborate with companies around the world as needed. The main purpose of this project is to build RESTful APIs for Medpick to sync the data between Web and Mobile Application.

* 1. **PROJECT SCOPE**:

The website is based on WordPress and we need to create APIs for every page. We also need to make sure that the data is synced between both, web and mobile, applications. It is expected that the APIs should fetch and display all the data to the page.

* 1. **PROJECT DEADLINE:**

This project is expected to be completed before, if not, on 2nd December 2020.

* 1. **PROJECT EXPECTATIONS:**
* Create REST API for web and mobile application.
* Solve the issue of mobile and web login.
* Sync the data between web and mobile application.
* The custom APIs should request and receive all the data including the vendor details.
* The APIs should also work on product variations.
* Solve the issue of Mobile Checkout page redirecting.

1. **PROJECT DESCRIPTION**
   1. **DETAILED DESCRIPTION:**

As per the expectations, we need to create a custom RESTful API for the Medpick application, which in turn would solve the problem for data sync. As the mobile application would also call the same API as the web application for the data. We need to write APIs for each page and then create a plugin for Wordpress. There are issues in the Medpick mobile application, first being that the user needs different credentials to login to the mobile application, the ones of web application does not work. Second being that the mobile application redirects to the web application whenever a user click on the checkout button.

* 1. **OPERATING ENVIORMENT AND DEPENDENCIES:**
* The web application is developed in Wordpress.
* Medpick is currently using WooCommerce plugins for retrieving data.
* We are going to use php language for developing APIs
  1. **RESOURCE REQUIREMENT:**
* Medpick Website credentials
* Admin Dashboard credentials
* Medpick FTP credentials