# Connect Me
## PROJECT
## PROPOSAL

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# INTRODUCTION

Welcome, ladies and gentlemen, to the introduction of our revolutionary project, "Connect Me: First Medical Representative Management System." In today's fast-paced healthcare industry, effective management of medical representatives is crucial for pharmaceutical companies. We have developed Connect Me to address this need and bring efficiency, accuracy, and enhanced connectivity to the forefront.

# Objectives

Connect Me aims to track the geolocation of medical representatives, monitor their in-visit activities, and record visits per doctor and account. By providing comprehensive insights into representatives' actions, our system enables pharmaceutical companies to make data-driven decisions and allocate resources effectively.
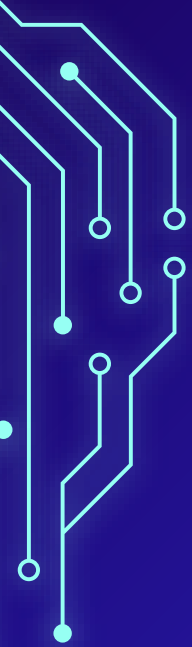
# Features & Functionality

Connect Me offers three versions of the app, catering to different levels of authority and specific user needs. Administrators have full control, while medical representatives have limited access to certain functionalities, ensuring data integrity and privacy.

The system incorporates powerful reporting tools, allowing managers to gain valuable insights and make informed decisions. Integration with Google Data Studio enables seamless visualization and analysis of information, facilitating trend identification and pattern recognition.

Connect Me provides medical representatives with essential information, including comprehensive medicine details and doctor reviews per visit. Equipped with this knowledge, representatives can excel in their roles and provide better healthcare services.

# Implementation & Usage

Medical representatives can easily manage their schedules, create new visits, and check-in at doctors' offices using Connect Me. The application tracks representatives' positions and routes, providing valuable insights into their movement patterns.

Documentation is streamlined through Connect Me, with each document and accompanying notes stored as new attachments at the visit level. This ensures transparency and accountability, fostering a comprehensive record of all interactions.

# Conclusion

Connect Me revolutionizes medical representative management, empowering pharmaceutical companies to streamline operations, enhance representative performance, and deliver improved.

# Problem & Solutions

- **Manual Processes in Medicine Warehouses:** The majority of medicine warehouses in Egypt rely on outdated manual methods, including pens, papers, brochures, and handwritten reviews, leading to inefficiencies and errors in record-keeping and management.

**Solution**

Automated Record-Keeping:

Digitize inventory records, replacing manual methods by making everything possible through in app digital Documentation.

# Problem & Solutions

- **Inefficient Work Hour Calculation:** Administrators face challenges in accurately calculating the work hours of medical representatives, particularly when dealing with a large number of representatives, resulting in potential discrepancies in their schedules and assignments.

**Solution**

Accurate Work Hour Calculation:

GPS-based check-in and check-out system for representatives and Real-time tracking of their activities for precise work hour calculation.

# Problem & Solutions

- **Difficulty in Target Calculation:** Administrators encounter difficulties in calculating and managing the targets set for each medical representative, impacting their ability to evaluate performance and align individual goals with organizational objectives.

**Solution**

Efficient Target Calculation:

Set and track individual targets for representatives by calculating target formula through their work hours previously stored and their check in , also data  gathered from pharmacies support how much a sales representative should get as of how much units sold in that area

# Problem & Solutions

- **Lack of Monitoring for Field Visits:** Administrators lack a reliable means to ensure whether medical representatives have visited the designated locations, leading to uncertainties about adherence to assigned routes and scheduled appointments.

## Solution

Field Visit Monitoring:

Real-time Visit Verification by Geofencing technology to confirm representatives' presence at designated locations. Also Photo check-ins and timestamp verification for appointments

# Problem & Solutions

- **Lack of Monitoring for Field Visits:** Administrators lack a reliable means to ensure whether medical representatives have visited the designated locations, leading to uncertainties about adherence to assigned routes and scheduled appointments.

**Solution**

Navigation Support for Representatives:

Integration with maps for route planning and optimization where the medical rep would have the support of google maps to navigate destinations and know exactly where to go first and how to go there based on how many appointments he have so the app basically organizes the routes for him to be able to save time

# Problem & Solutions

- **Delayed Feedback Collection:** Administrators face delays in gathering feedback from medical representatives about their interactions with doctors, hindering timely analysis of doctors' interests and preferences regarding specific medicines.

## Solution

Timely Feedback Collection:

In-app surveys for representatives to provide feedback after each visit.

Knowing exactly what the doctors are interested in and what they are not

# Problem & Solutions

- **Limited Presentation of Treatment Options:** Manual work processes hinder medical representatives from efficiently showcasing all available medicines for a particular ailment to doctors, limiting the range of treatment options presented to healthcare professionals.

**Solution**

Comprehensive Presentation of Medicines:

Digital catalog of all available medicines, categorized by ailment.

Interactive multimedia presentations for representatives to showcase medicines.

# Problem & Solutions

- **Lack of Information on Nearby Pharmacies:** Both doctors and medical representatives lack information about nearby pharmacies and their available stock of required medicines, causing inefficiencies in the procurement process.

### Solution

Information on Nearby Pharmacies:

Map-based search functionality to locate nearby pharmacies.

Real-time stock information to ensure availability of medicines.

# Problem & Solutions

- **Appointment Management Challenges:** Medical representatives struggle with scheduling appointments with doctors and hospitals, prompting collaboration with doctor's assistants to facilitate the efficient coordination of visits, a challenge the application aims to resolve.

## Solution

Efficient Appointment Management:

In-app scheduling system for representatives to request appointments.

Automated confirmation messages and calendar syncing with doctors

App works two way with both representatives and doctors or the doctor

Assistant on the line.

# Project Tools

**.NET Core**

Pluto is now considered a dwarf planet

**Flutter**

Pluto is now considered a dwarf planet

**Figma**

Pluto is now considered a dwarf planet

**HTML5**

Pluto is now considered a dwarf planet

**CSS3**

Pluto is now considered a dwarf planet

**B**

Pluto is now considered a dwarf planet