

AUTOMAPIC APP FOR ASSOCIATE DEGREE HUMANOID BASED CHASE OF SALES WORKER**J. Bhavya Sree*, N. Siva Nagamani** & Dr. Y. Jahnavi*****

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Abstract:

Automapic - Associate degree humanoid based mostly sales worker chase app with admin panel to trace GPS location of sales worker and manage their day activities by capturing updated and authentic information from purpose of execution. it is a complete answer developed with the inputs from varied business verticals like publishers, prescription drugs, footwear producing, clothes producing units and far additional to make sure sales worker chase becomes really easy for the employers in order that they will specialise in right things for the expansion. Our sales worker chase app covers the majority the tasks that a sales government will daily like meeting customers, giving samples, taking orders, taking feedback, swing promotional material at customers place and far additional. With the ability of these options that Automapic provide, imagine the micro-level of knowledge your company will collect and take right selections on time for future. Improve your sales team performance with Automapic - sales worker chase app. The depth of sales reportage provided by Automapic guarantees that your most dear investment- your sales team - is engaging at the their best and provides you the info to create massive selections. Once your sales staff register and out of client visits with the app, their locations area unit recorded, the period of the visit is calculated, and details area unit delineated in real time. This not solely helps you to keep connected together with your team, however conjointly helps you higher arrange and manage your sales team and schedules.

Key Words: Android, Automapic, Employee Location, Employee Tracking, GPS & Schedule

1. Introduction:

An automaton based mostly deals representative following application with administrator module to trace GPS space of offers employee and affect their day exercises by catching fresh and authentic data from purpose of execution. At the purpose once your business representatives arrival and Check-out of consumer visits with the applying, their area unit as are recorded, the span of the visit is computed, and delicate components area unit arranged more and more. Succeeding meeting representative will enter input of meeting and might set update for come back to likewise. Enhance your deals and administration cluster execution with Automapic - deals employee following application. Automapic - associate degree automaton based mostly deals employee following application with administrator board to trace GPS space of offers representative and affect their day exercises by catching fresh and authentic data from purpose of execution. it is a total arrangement created with the contributions from completely different business verticals like distributors, prescription drugs, footwear manufacturing, articles of covering fabricating units and considerably a lot of to ensure deals employee following seems to be therefore natural for the companies so that they will focus on right things for the event. Our business representative following application covers each one of the assignments that a business official will day by day like gathering shoppers, giving examples, taking requests, taking input, swing ad material at shoppers place and considerably a lot of. With the energy of each one among these highlights that Automapic provide, envision the smaller scale level of information your organization will gather and put aside right decisions on schedule for future. Improve your business cluster execution with Automapic - deals representative following application. The profundity of offers revealing gave via Automapic ensures that your most profitable speculation your business cluster - is engaging at the their best and provides you the data to create Brobdignagian choices. When your business staff checks up on in and of consumer visits with the applying, their area unit as are recorded, the length of the visit is patterned, and points of interest area unit arranged ceaselessly. This not simply offers you an opportunity to stay related to your cluster, however in addition encourages you higher arrangement and affect your business cluster and calendar. The progression in innovation over the foremost recent few decades has increased our lives in every viewpoint. Physically determined frameworks area unit being substituted by the progressive frameworks. This framework is totally manual to watch each one of the business staff space, troublesome to set up and calendar visits, no dependable data of organization item reach. The target of this endeavor is to detail a wise examination of the current framework to get its problems and on these lines define another mechanized framework which can be a lot of advanced and synchronous. Automapic encourages you track your business employee space utilizing GPS. You'll be able to likewise track their day by day development, visit points of interest, meeting time and deals prepare they need, all ceaselessly. Bosses should take care once utilizing space following innovation on their worker's non-public vehicle to abstain from damaging the representative's privilege of privacy. In following staff lawfully; organizations ought to make sure that everything is reported. They ought to list down the overall targeted on space of the GPS huntsman and conjointly introduce the points of confinement of the intelligence.

2. System Analysis:**Existing System:**

- ✓ In the current system, no plan wherever your sales staff square measure.
- ✓ Impossible to arrange and schedule visit.

- ✓ No reliable information of company' product reach.
- ✓ Manual order process is slow, unreliable.

Disadvantages of Existing System: The current manual worker trailing system having a number of the drawbacks. The main drawbacks are:

- ✓ No plan wherever your sales staff square measure.
- ✓ Impossible to set up and schedule visits.
- ✓ No reliable knowledge of company' product reach.
- ✓ No provision for knowledge validation within the manual system.
- ✓ Accessing the records for data takes very long time.
- ✓ Consume longer.
- ✓ Gives redundant and inconsistent knowledge.
- ✓ Inefficient communication method.
- ✓ Not versatile.
- ✓ Data change is tedious.

Proposed System:

- ✓ The projected system automates the present system.
- ✓ It decreases the paper work and it maintains the records by connecting to the info.
- ✓ With Automatic square measure able to track wherever the sales workers are.
- ✓ You will assign work to the sales workers.
- ✓ It is straightforward to calculate operating hours.
- ✓ Company is aware of its geographical reach.



Advantages of Proposed System:

- ✓ It is extremely easy method.
- ✓ Best computer programme.
- ✓ Reduce the burden of the employment.
- ✓ It is extremely reliable.
- ✓ Redundancy is reduced.
- ✓ It is straightforward to calculate operating hours.
- ✓ You will track their location mistreatment GPS.
- ✓ Latest technological implementation

3. Methodology:

In the starting, key knowledge has been extracted from an in depth description of the present manual system as an entire, and so potential issues within the current system are known. Next, planned system has been detailed and then the goal of the project has been established to supply higher knowledge responsibility, a lot of automation and fewer effort. Economical real time knowledge trailing and up-to-date user feedback regarding the corporate product are the foremost vital issues of the planned system. Then, key aspects of the planned system are explained in details with prototype-planning part, analysis part and style part.

System Architecture: The application can follow three-tier design. In three-tier design application can run the standard client/server model however from the online server. The shopper solely displays the interface and information however has no half in manufacturing results.



User mobile Application Server Database server

Figure: Three-tier architecture of Automapic App

Three-tier architecture will contain the following tiers:

Client/Presentation Tier: This tier includes all the hypertext markup language content or forms to be displayed on the consumer side (The consumers are going to be the humanoid application or humanoid phone). It's the shape that provides the computer programme to finish user. Applied scientist uses this tier to induce or set the information back and forth.

Business Logic Layer: within the Business logic tier, the particular process of the information and therefore the logic behind the implementation of the appliance are going to be gift. This tier will contain a category, which may be wont to write the functions, and additionally works as a negotiant between the presentation tier and knowledge tiers.

Data Tier: knowledge Tier contains ways and categories that agitate passing and storing knowledge to the information Storage Layer. Queries or keep procedures are wont to access the information from the information or to perform any operation to the information. It stores the information glided by the presentation tier.

Modularization: In this automapic app there are three components. They are:

- ✓ **Employee Modularization (Sales Person):** In this modularization we tend to use seven elements. They're Tutorial page, Login page, Registration page, Sales team dashboard, View tasks, arrival and Check-out and Feed Back type.
- ✓ **Admin Modularization:** In this modularization we tend to use four parts. They're Admin Dashboard, produce and Assign tasks, Streaming Report and Detail Report.
- ✓ **Back End Modularization:** In this modularization we have a tendency to use 3 parts. We're making the info, Linking the info, Maintaining the info.

Front End Modularization:

- ✓ In the landing page of the Automapic app, we tend to placed the data concerning robot app and options concerning the app.
- ✓ In the login page the sales person or admin will login to access the data. If the login person may be an admin can [it'll send to admin dashboard instead if he/she may be a sales person will send to the his dashboard.
- ✓ In the registration page, solely admin will produce the account.
- ✓ Sales person will read the tasks assigned to admin.
- ✓ And there's an arrival and check-out page wherever he will send the placement and meeting standing details to admin.

Admin Modularization:

- ✓ Admin is that the one that has the potential of creating changes to the system all told aspects. Admin goes to make tasks and assign a selected task to workers.
- ✓ The admin module is that the initial one and also the admin should produce a singular use account for workers within the organization.
- ✓ This module handles the executive functions of the system. If there are any problems about any username and secret, admin is accountable to clear that issue as he has all the privileges to access the info and modify the info.
- ✓ In the admin dashboard, admin will read the streaming report for all sales persons.
- ✓ Admin will read the detail report of the sales person on the map.

Back End Modularization:

- ✓ In the rear finish module, we have a tendency to created the login id and countersign for every and each sales person and for the admin.
- ✓ We maintain the info of the placement details, feedback, tasks details and geolocation.
- ✓ Here we have a tendency to connect the info to the php script and inserting, change and retrieving the data from the info.

4. Results:

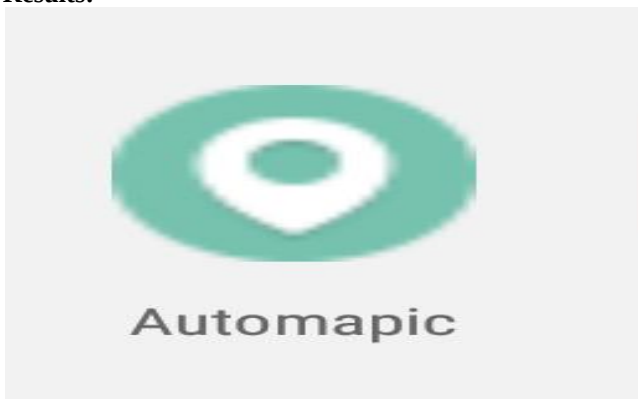


Figure 1: App Symbol



Welcome to Automapic!

I'M A NEW AUTOMAPIC USER

OR

I HAVE A AUTOMAPIC ACCOUNT

Figure 2: Account Checking Page

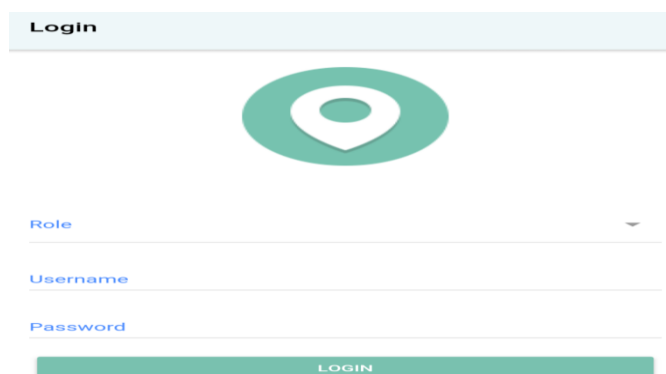


Figure 3: Login Page

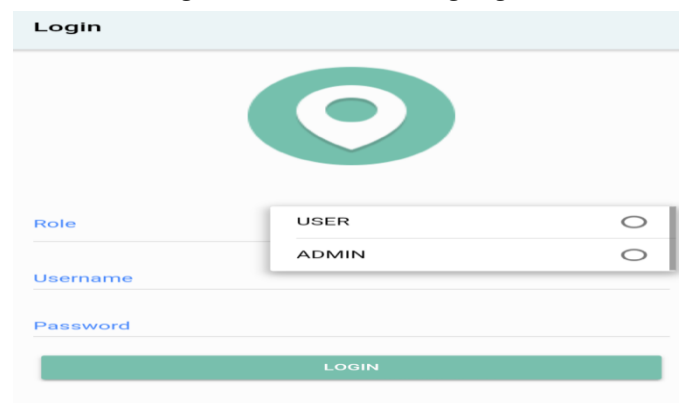


Figure 4: Selection Page

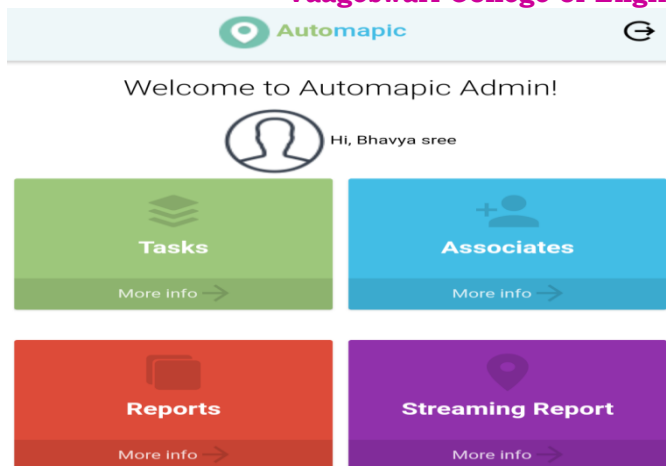


Figure 5: Admin Page

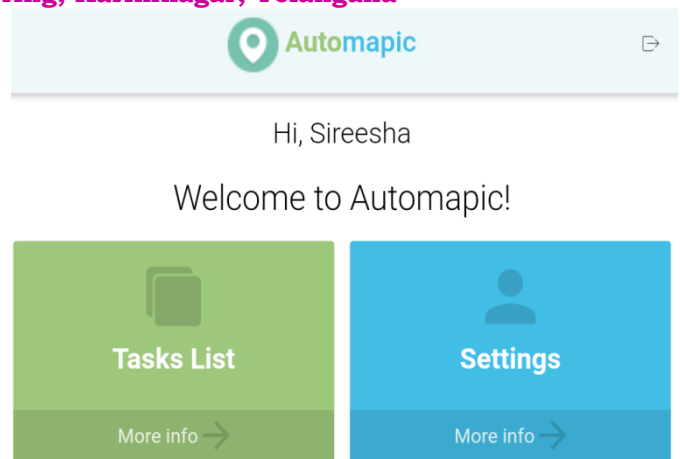


Figure 6: User Page

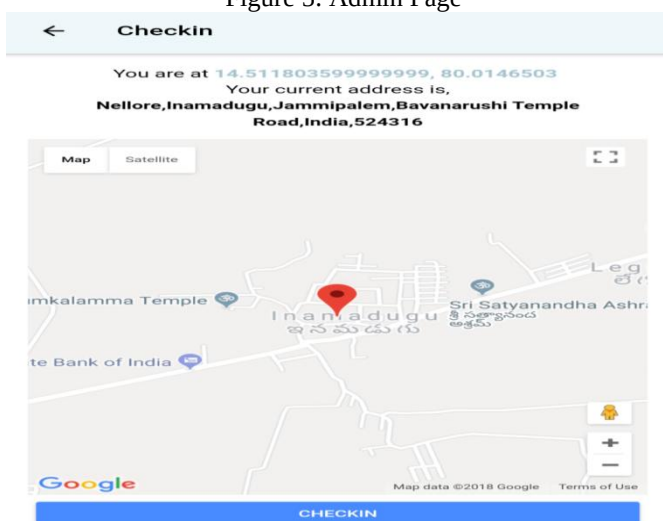


Figure 7: Checkin Page

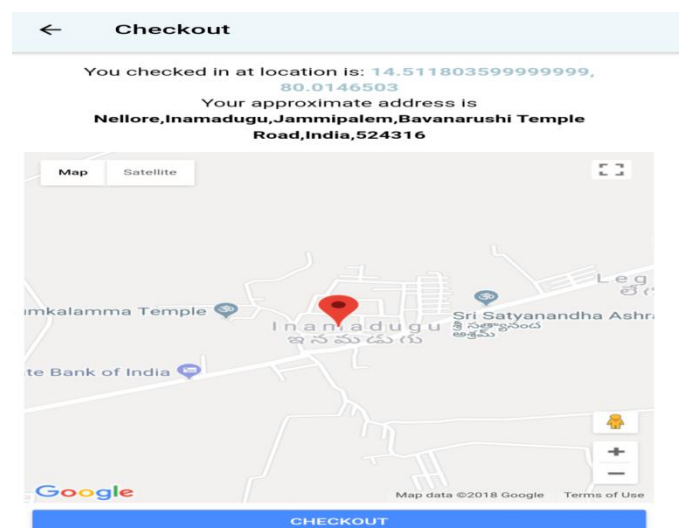


Figure 8: Checkout Page

Figure 9: Feedback Form

5. Conclusion:

The Automapic application is very useful to trace the employee space effortlessly. You'll likewise track their day by day development, visit refined parts, meeting time and deals organize they need, all incessantly. The venture Automapic has been created in light-weight of the business wants. The task has met its goals. The framework responsibility is high and enough security has been given. The framework is exceptionally basic in set up and to execute. The new mechanical man App was determined to be well faster, dependable and simple to know. Automapic - Associate in nursing mechanical man primarily based deals representative following application with administrator board to trace GPS space of offers employee and handle their day exercises by catching rested and credible data from purpose of execution. It's a complete arrangement created with the

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contributions from completely different business verticals like distributors, FMCG, prescribed drugs, footwear fabricating, articles of consumer goods manufacturing units and significantly additional to ensure deals representative following seems to be thus natural for the companies so that they will focus on right things for the event. Our business representative following application covers each one of the errands that a business official will day by day like gathering purchasers, giving examples, taking requests, taking input golf stroke notice material at purchasers place and significantly additional.

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