



International Journal of Innovative Research in Computer and Communication Engineering

(An ISO 3297: 2007 Certified Organization)

Vol. 3, Issue 8, August 2015

Mobile Applications for All the Functions of the Organization

Ammar Es, Houssine Le

Department of Mathematics and Computer, Faculty of Science Ben M'sik, University Hassan II, Morocco

Department of Mathematics and Computer, Faculty of Science Ben M'sik, University Hassan II, Casablanca, Morocco

ABSTRACT: Mobile applications were limited to the consultation of weather forecasting because the new version of the mobile operating system which offers several innovations dedicated to the professional users. Today, they become an interface. It is thus time to recognize that the development of applications requires same competences and the same reflection as the design of any other type of portal of organization.

KEYWORDS: Mobile Applications, Radio-frequency Identification, Record player

I. INTRODUCTION

The equipment of the employees of the mobile applications to enable them to always succeed in universe moving is possible thanks to the several software, the functional portable applications which improve the effectiveness and productivity they simplify the daily tasks that the employees carry out on their intelligent telephone or their tablets.

- Operation of the power of integrated and flexible functional mobile applications designed for organizations of all sizes.
- Improved productivity at all levels of the organization with intuitive functional mobile applications for all.
- Increase efficiency by extending business processes to mobile employees responsible for sales, service and maintenance.

III. THE SYSTEM OF MANAGEMENT OF EMPLOYEE'S TRANSPORT

Database ATIC (Advanced Technology Integration Company) Systems provided a solution optimized for the management system of the transport of the employees, This Web application activated is used to create and maintain the services for the employees. The management system of the transport of the employees makes it possible to supervise the state in and out the means of transport in real time. Global Positioning System/Radio-frequency Identification/Mobile technologies HID (Human Interface Devices)/Internet//SIG (Special Interest Groups) is used in this installation of SMS (Short Message Service) system. Available in This system, by SMS employment will receive the name of the pilot and the hour of arrival of the cabin. Capacity delocalization of the system will alert in the event of deviations of the cabin of the indicated roads, in the event of violation, the Red alerts are started.

The management system of the transport of employees will generate the PUT report: Management system of the rate of allocation vehicles which is the part of the management system of the transport of the employee used to optimize the capacity of the vehicle and the shortest route to obtain credit. The system of the distribution of the vehicles dynamically creates the route for the services of the ACR.

IV. CHARACTERISTICS OF THE SYSTEM MANAGEMENT OF EMPLOYEE'S TRANSPORT

- Follow-up in real time of vehicle and employees.
- Cost cutting thanks to the optimization of the routes and the capacity of the vehicle.
- Improve the security and the Security of the employee in particular during the night trip.
- Reports of SIG make it possible to increase to increase the use of the fleet.
- System (GO) makes it possible to optimize the capacity of the vehicle and the shortest route to obtain credit.

To authorize the users to inform the site of the vehicle by using SMS Tools



International Journal of Innovative Research in Computer and Communication Engineering

(An ISO 3297: 2007 Certified Organization)

Vol. 3, Issue 8, August 2015

V. BENEFITS OF THE EMPLOYEES FOR SYSTEM OF MANAGEMENT OF TRANSPORT

- It reduces the cost of accounting per capita for transport.
- To send alarms SMS/e-mail in connection with the creation of the ways which the employees will have to take respectively indicating the place and the number of vehicles this will be ready to make them go up.
- In the case of GPS it is activated generates SMS alarms while reaching the cabin to choose the places/carried, it provides information in real times.
- The user should not be familiar in all the places selection/extraction.
- The date, travel and the distance are to be entered in reports.

VI. SYSTEM OF ALLOWANCE OF THE CABIN

To provide services of transport to the employees became essential for an organization, today this installation allows the employee to reach the workplace without worry, moreover public transport reduces the cost like reducing pollution in the city.

More the big challenge to be raised by the team of transport is to provide services in a transparent way without any worry and to ensure the safety of the employees, in same time to make savings, therefore the only method cause a drop in the costs to optimize the roads compared to the capacity of vehicle and to identify the shortest way to collect places of insertion/extraction.

The system of attribution Cab (HEAP) has the possibility of dynamically creating the cock at the request of current connections for the services of the ACR for the programmed or unforeseen travel.

VII. CHARACTERISTICS

A. The location of the Point (Pick-up/Drop)

The operator can insert all the place of catch/extraction by creation of the geographical codes into the database that allows the office of transport to easily locate the site of the employee.

B. Create roads

The system allows transport to create the road optimized with the current requests that must be made with the desired interval and depends on the availability of the vehicle.

C. Create and print the route

The manager of Travel can print all the route and indication of the allotted vehicle, the name of staff, the site and the hour envisaged to take the employee.

VIII. BENEFITS

- Facility to use activated Web.
- The user should not be known of all the sites.
- To send alarms SMS/e-mail on the creation of the roads which the employees will have to take respectively, indicating the number of vehicles.
- In case GPS activated, it provides information in real time.
- Computers are the cost of head for transport.
- The date, travel and the distance reports are to be provided.
- To generate SMS alarms while reaching the cabin to choose the sites of insertion/extraction.

IX. CONCLUSION

Mobile technology offers to human resources a vast field of application supporting the organization and simplification of the approaches to take the means of transport in the precise place and the exact time.



ISSN(Online): 2320-9801
ISSN (Print): 2320-9798

International Journal of Innovative Research in Computer and Communication Engineering

(An ISO 3297: 2007 Certified Organization)

Vol. 3, Issue 8, August 2015

REFERENCES

1. Thiollet AM, "Mobile Business Applications Transform your Operations", EVP Enterprise Line of Business Orange Business Services, Paris, July 5, 2010.
2. Poitou JL, "Mobile Applications Support the Transformation Process in an Innovative Way", presented May 25, 2013.
3. Dugerdil, Marcaillou, Mili, "In the Mobile Programming", 1988.
4. Santos, Abiteboul, Debrauwer, "In the Mobile Development Process", 1993.
5. Bobrow, Carré, Vanwormhoudt, "In the Development of Mobile Knowledge Bases", 1977.
6. Pedrycz W, Gomide F, "Fuzzy systems engineering toward human-centric computing", Wiley & Sons, 2007.
7. Ballard D, Brown C, "Computer vision", Prentice Hall, 1992.