PLAGIARISM SCAN REPORT

Report Generation Date: April 17,2021

Words: 932

Characters: 6051

Excluded URL :

18% Plagiarism	**82%** Unique
8 Plagiarized Sentences	**36** Unique Sentences

Content Checked for Plagiarism

Abstract Human Activity Recognition is a project about developing a system that constantly monitors and analyzes footage of security cameras that are commonly pre-installed at all the stores. Secondly, it checks for any suspicious activities and also keeps on analyzing the behavior of each customer. If any suspicious activity is detected, the software instantly recognizes and reports to the supervisor, who can review the footage, and act on it. The primary objective of human activity recognition is the prevention of potential theft; to prevent any type of confusion the target is approached and asked if they need help, which leads to a good chance that the theft never happens. The secondary objective is the opportunity, it's huge! As the retailers become more open to embracing technology to meet consumer needs, as well as improve bottom lines. This technology can prevent losses to a certain point. Also, this technology will prevent internal frauds. Acknowledgment

Mayuresh Kulkarni for providing a vision about the system and for giving us an opportunity to undertake such a great challenging and innovative work. Satvik Khara, Head of Department Computer Engineering, Silver Oak College of Engineering and Technology, Ahmedabad, for his continuous encouragement and motivation. INTRODUCTION 1.1 Project Summary • In this project we are going to develop the website based on Artificial Intelligence, Machine Learning, Computer Vision, Flutter, Python, Html, Css, Javascript. • Here, the project gives the view of the suscpicious activity which are held in the general stores, malls, banks, jewllery shops, etc. • So here we are going to develop a system that constantly monitors and analyzes footage of security cameras that are commonly pre-installed at all the stores. 1.2 Project Scope • The project scope over here is to establish how one can be standstill to the potential of moving ahead for the robbery. • In this when AI, ML and open CV is used for the smart management of the suscpicious activity. • Many different activities can be overwhelmed in the project so there are many scope. • The scope of this is software is :- also used in many different department, governmental places etc. 1.3 Objective • The primary objective of human activity recognition is the prevention of potential theft; to prevent any type of confusion the target is approached and asked if they need help, which leads to a good chance that the theft never happens. • The secondary objective is the opportunity, it's huge! As the retailers become more open to embracing technology to meet consumer needs, as well as improve bottom lines. This technology can prevent losses to a certain point. Also, this technology will prevent internal frauds.

SOFTWARE PROJECT MANAGEMENT

2.1 Project planning and scheduling 2.1.1 Project Planning • Project planning is part of project management, which relates to the use of schedules such as Gantt charts to plan and subsequently report progress within the project environment.

• Project planning is usually organized in different areas of a project, including project plans, workloads and the management of teams and individuals.

• There was continuously interaction with the client that was very beneficial for us.

• When we completed whole project we started testing the whole project for final verification.

• Then we started documentation of our project. Finally, we completed the project with client's • It describes the type of user which deals with the applications.

1. Administrator
2. Vender
3. User

1. Administrator:

e.g. manage the data of public.

2. Vendor:

• Responsibility of vendor is to complete tasks which are assigned to him by administrators and manage some part of database. • Currently that isn't any detector that makes governments task easy by adding interactivity and administrative features on the portal.

• 7.1 Testing Plan:-

• Web application testing is a process by which application software developed for handheld website is tested for its functionality, usability and consistency. Website application testing can be an automated or manual type of testing.

• A Test Plan is a document which describes a scope of testing, test strategy, objectives, effort, schedule and resources required. Its main purpose is to guide the whole testing process and used mostly by Project Managers or Tests Engineers.

7.2 Testing Strategy:-

• Test strategy :- A test strategy is an outline that describes the testing approach of the software development cycle. It is created to inform project managers, testers, and developers about some key issues of the testing process.

• A Test Strategy document is a high-level document and normally developed by project manager. This document defines "Software Testing Approach" to achieve testing objectives. ... Some companies include the "Test Approach" or "Strategy" inside the Test Plan, which is fine and it is usually the case for small projects.

7.3 Testing Methods:-

• These testing methods are usually conducted in order and include : Unit testing. Integration testing. System testing

• Unit tests often mirror the structure of the code under test. For example, a unit test project would be created for each code project in the product. The test project can be in the same solution as the production code, or it can be in a separate solution. You can have multiple unit test projects in a solution.

• Integration testing is a component of Extreme Programming (XP), a pragmatic method of software development that takes a meticulous approach to building a product by means of continual testing and revision. There are two major ways of carrying out an integration test, called the bottom-up method and the top-down method

• System Testing (ST) is a black box testing technique performed to evaluate the

Matched Sources :

Mobile Apps Testing Tutorials | Digital Marketing Agency ...

· Mobile Testing. Mobile application testing is a process by which application software developed for handheld mobile devices is tested for its functionality, usability and consistency.

https://www.websitetoon.com/2018/07/09/mobile-testing/ (https://www.websitetoon.com/2018/07/09/mobile-testing/)

4%

How do I start a mobile app test?

Its main purpose is to guide the whole testing process and used mostly by Project Managers or Tests Engineers. Subsequently, one may also ask, how do you test an app? Here are 10 essential steps you should follow. Decide how many testers you need. Decide what type of testers you need. Develop a beta tester persona. Give testing a timeframe.

https://askinglot.com/how-do-i-start-a-mobile-app-test (https://askinglot.com/how-do-i-start-a-mobile-app-test)

4%

What is Software Quality Assurance And Types of Testing?

· It is created to inform project managers, testers, and developers about some key issues of the testing process. This includes the testing objective, methods of testing new functions, total time and resources required for the project, and the testing environment. Similar to other aspects of a business, software testing also involves following a set strategy to ensure that business and product goals are ...

https://volumetree.com/what-is-software-quality-assurance-and-types-of-testing/ (https://volumetree.com/what-is-software-quality-assurance-and-types-of-testing/)

3%

Software testing test strategy templates | StrongQA

Test Strategy document is a high level document and is usually developed by a project manager. This document defines "Software Testing Approach" to achieve testing objectives. Test Strategy document is a static document meaning that it is not often updated. If you want to post your own Test Strategy version, send email to welcome@strongqa.com.

https://strongqa.com/qa-portal/testing-docs-templates/test-strategy (https://strongqa.com/qa-portal/testing-docs-templates/test-strategy)

3%

Create a unit test project - Visual Studio | Microsoft Docs

Unit tests often mirror the structure of the code under test. For example, a unit test project would be created for each code project in the product. The test project can be in the same solution as the production code, or it can be in a separate solution. You can have multiple unit test projects in a solution.

https://docs.microsoft.com/en-us/visualstudio/test/create-a-unit-test-project (https://docs.microsoft.com/en-us/visualstudio/test/create-a-unit-test-project)

8%

What is integration testing - ALLInterview

There are two major ways of carrying out an integration test, called the bottom-up method and the top-down method. Bottom-up integration testing begins with unit testing, followed by tests of of progressively higher-level combinations of units called modules or builds. In top-down integration testing, the highest-level modules are tested first and progressively lower-level modules are tested after that. In a …

https://www.allinterview.com/showanswers/168046/what-is-integration-testing.html (https://www.allinterview.com/showanswers/168046/what-is-integration-testing.html)

3%