



Bug Tracking System

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ABSTRACT

“Bug Tracking System is a web-based application that is designed to help quality assurance and programmers keep track of reported software bugs in their work. Bugs will be assigned to a person with a bug id, flag, description, project name. Nowadays, when project are so extensive defects or bugs have been existed as a problem in the system and they are normally inevitable in software development. A bug could be in either a program’s source code or its design”

INTRODUCTION

Bug Tracking System

Bug Tracking System is a web-based application that is designed to help quality assurance and programmers keep track of reported software bugs in their work. Bugs will be assigned to a person with a bug id, flag, description, project name. Bug can be submitted to the tester with an attachment for the bug detailed report. Admin can maintain users, projects, organizations, bug categories, bug priorities, status of bug etc.

STATEMENT OF OBJECTIVES

The main objective of the system on “Courier Management System” is to manage the details of Courier, Customer, Delivery, Bill and Payment. It manages all the information about Courier, Email Notification, Payment, and Courier. The project is totally built administrative end and thus only the administrator is guaranteed the access. The purpose of the object is to build an application program to reduce the manual work for managing the Courier, Customer, Email Notification, and Delivery. It tracks all the details about the Delivery, Bill, and Payment

- Provides the searching facilities based on various factors. Such as Courier, Delivery, Bill and Payment.
- Courier management system also manages the email notification details online for bill details, payment details, Courier.
- It tracks all the information of customer, email notification, bill etc.
- Manage the information of customer.
- Shows the information and Description of courier and delivery.
- Manage the information of customer.
- Shows the information and description of the Courier and customer.
- Manage the information of Courier.

BASIC CONCEPTS

In the proposed “Courier Management System”, all the work is automated, and no wastage of time should be done. In proposed system, all the work is automated. If someone needs to send any courier than he or she can just login into the panel and send a request to the courier company and then the courier team can themselves contact you.

LITERATURES REVIEW

CONCEPT

A literature survey in an exceedingly project report is that chapter that seem the assorted synthesize and analysis created within the field of your interest and also the results already revealed, taking under consideration the assorted parameters of the project and also the limit of the project. Literature

survey helps to make your mind up our direction for analysis. Literature survey helps to line a goal for your analysis-hence it supplying you with your drawback statement. once you write a literature survey in respect of your project, you've got to put in writing the researches created by numerous analysts those square measure already revealed - & their methodology (which is largely their abstract) and also the conclusions they need fell upon.

SYSTEMATIC LITERATURE REVIEW

This chapter can in the main discuss on the study that square measure done by previous analysis of alternative authors in the similar space of the gift study. Throughout this chapter, there can be comprehensive discussion on theoretical and sensible views of previous studies done in on- line looking and offline looking for apparels. This study combines factors that alternative studies have done which will influence the consumer's getting call in on-line and offline stores for apparels. It includes the worth attractiveness, time saving, perceived risk, enjoyment and excitement, materiality and high interactivity. All of these factors can contribute to the study of customer's getting intention for apparels on each stores that includes on-line and offline looking. Pan, (2007) outlined getting intention as the avidity of getting the product. Similarly, Engel, Blackwell and Miniard, (1990) defines getting intention as a psychological method of decision-making. In on-line looking, it's expected that shoppers square measure a lot of probably to associate worth attractiveness and time saving with their intention to buy whereas in offline looking, customers square measure a lot of probably to associate materiality, high interactivity and enjoyment with their intention to search. As a result, on-line marketers or retailers ought to be aware of the issues two-faced by the customers and their perceived risk to increase their intention to search in on-line. Designers should take note of customers' desires as a result of the usability is the beginning purpose to get the confidence and support of the consumers (Alzola et. al., 2006).

METHODOLOGY ACCEPTANCE TESTING

Testing to verify a product meets client such as needs. A client typically will this sort of testing on a product that is developed outwardly.

BLACK BOX TESTING

Testing while not data of the internal workings of the item being tested. Tests ar typically purposeful purposeful testing supportive Associate in Nursing application or web site conforms to and properly performs all its needed functions. This entails a series of tests that perform a feature by feature validation of behaviour, victimisation a wide vary of traditional and incorrect input information. This will involve testing of the product's user interface, APIs, info management, security, installation, networking, etc. purposeful testing will be performe d on Associate in Nursing machine-controlled or manual basis victimisation black box or white box methodologies.

REGRESSION TESTING

Similar in scope to a purposeful take a look at, a regression take a look at permits a consistent, repeatable validation of every new unharness of a product or web site. Such testing ensures rumored product defects have been corrected for every new unharness which no new quality issues were introduced in the maintenance method. although regression take a look ating will be performed manually Associate in Nursing machine- controlled test suite is typically used to scale back the time and resources required to perform the needed testing.

SYSTEM TESTING

Testing conducted on a complete, integrated system to judge the system's compliance with its such as needs. System testing falls inside the scopeof black box testing, and as such, ought to need no data of the inner style of the code or logic. .

UNIT TESTING

Functional Associate in Nursingd reliableness testing in an Engineering setting. manufacturing tests for the behaviour of elements of a product tomake sure their correct behaviour previous to system integration .

WHITE BOX TESTING

Testing based mostly on Associate in Nursing analysis of internal workings and structure of a bit of software system. Includes techniques like Branch Testing and Path Testing. Also famed as Structural Testing and Glass Box Testing

• SAMPLE IMAGE

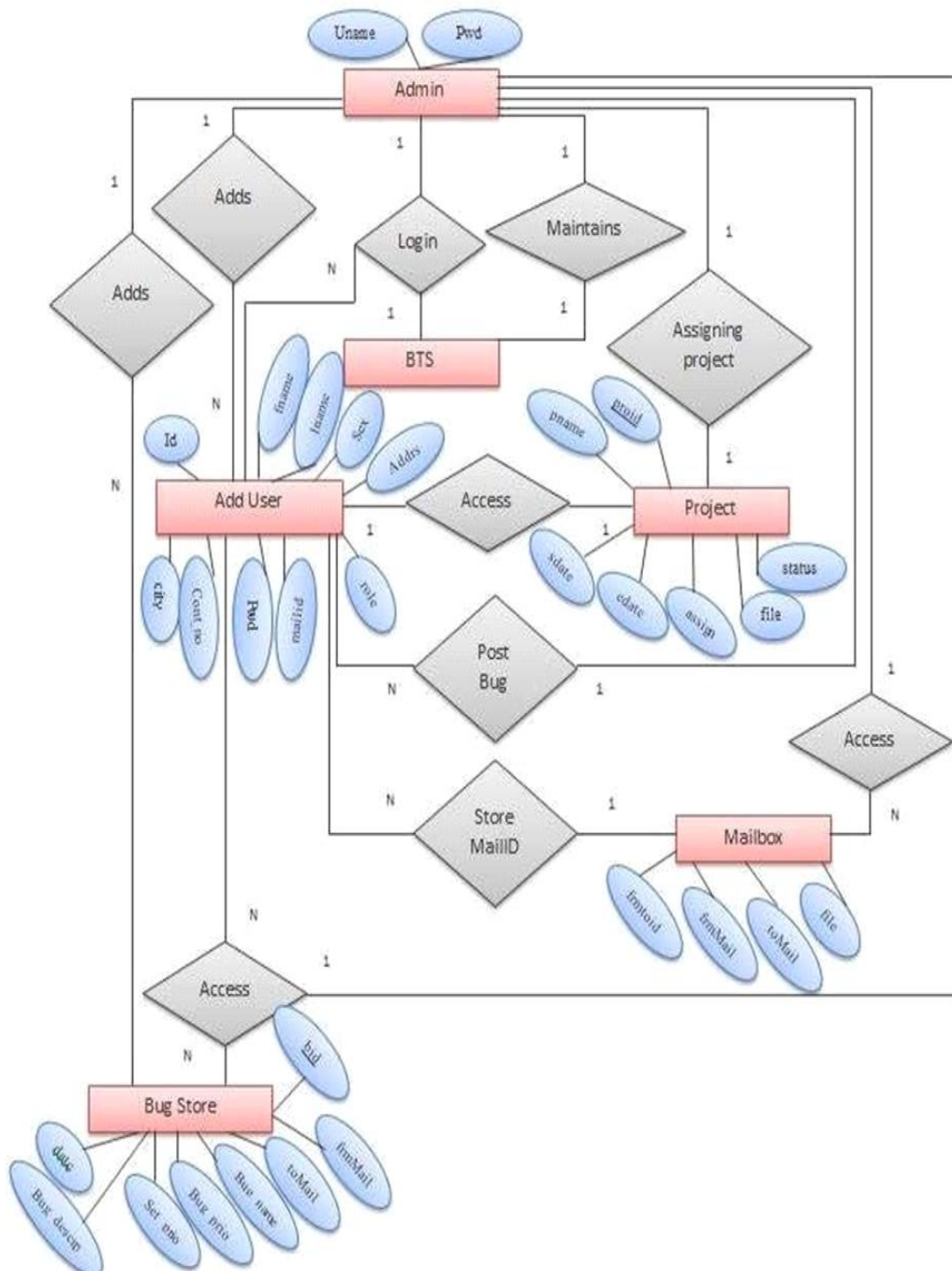
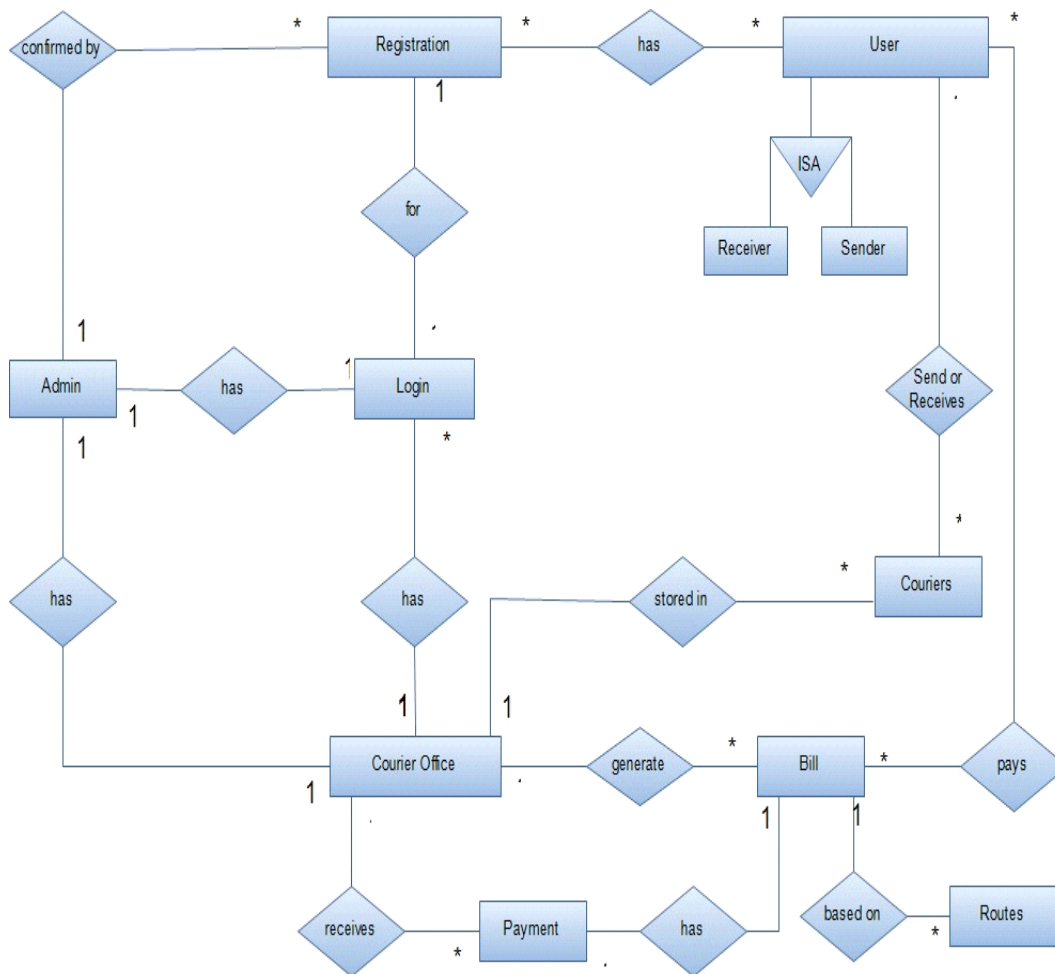


Fig. – E – R DIAGRAM



CONCLUSION

Bug Tracking System helps to detect and manage the bugs in software products effectively.

This project BTS can be used to track the bugs in the project modules and assist in troubleshooting errors for testing and for development processes.

This project highly avoids all sources of delay in bugs reporting level within the project modules in the software industry. As application is deployed in a company server, it is much more secure.

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