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Date

SIGNATURE

BC50-51

Any 1. Introduction

With the increase in the greenberg of seaders, better management of System is organized the library momagement System tocuses on improving the management of library in a city or town," what if you can check whether a book is available in the library through you phone? Or What if instead of having different libraries You Coun just have one.

The Poupose of the Project is maintain the defails of books and clibrary members of different clibronies the main Purpose of this Project is to maintain a easy circulation System between Clirts and the clibraries to jour book aims Single clibrary Coold, also to Search and reserve and book from different available clibraries and to maintain details about the user.

1.2 Scope

Manuelly application the dibrary system into an Andrew based application so that the used Can know the details of the book available and maximum dinit on browsing from their computer and also through their Phones.

The ILM System provides information's like defeil of the book institution of new book deletion of clost book dismitation on issuing books.

Also usos con Provide feedbook for adding Some new books to the libray.

Definition, Acoryons, Aboberiation.

Java - Rottsom independence SOL - Structured guory clanguage DFD - Data flow diagram CPD - Confext flow Diagram ER - Entity Relationship 1DE - integrated development environment SRS - Software requirement specification.

	Date: / / Page No. 3.
2.	OVERALL DESCRIPTION
	2.1 & Product Prespective
	The Proposed dibary management System will take Care of the Current book deteril cit any Point of time the book issue, Look weathern will applied the Current book deteril
-	ture Care of the Coverent book deters cet
	Gry Voint of time the Book brue, 500 wallow
	outon cetically of that cyon will get the
	automaticully so that copy will get the update automat book duteril.
	2.2 Software Requirement.
	Front and
	· Android developer tool
	· Advonce java
	Back end:
	+ my SOL
	2 2 Handman And rea in
	2.3 Hardware fore requirement Android Version 2.3 Gringer bread (minimum, Android use
	2 GB Ram
	1.2 ghz Processor Intu 15
•	Intu 15
,	Windows 7/8/2.1/10
4	

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2.4. | Functional Requirement

R. 12 Register

Description: first the way will have to register sign up. There are two different type of users.

The library manage [head!- The manager howe to Porvide details about the name of clibrary, address, Thome number, email 1).

Regular Person Student: the user have to provide detect about his they rame of address, those I nember, email 1D.

R. 1.1 : Sign up.

Input! Defail about the user as mentioned in the description.

output! Configuration of registration status

and a menubership number and larroad will be generaled and mailed to the user.

Processing! - all defails will be Checked

and a ment eaship number and lassword will be generated and mailed to the usor.

Processing! all defeals will be Checked

and if any cures are found then an
ever messerge is his played clse as membership
number and lassword will be generated.

A 1.2 login

B Input - enter the membership rumber and Poisswood Provided.

Output user will be able to use the features of Software. R.2. Monage booles by west. R.2. 1: Book issued.

Description list of books will be displayed along with dots, of return. R. 2.2 Search.

Toput: enter the name of author's name of the book to be issued.

Output: list of book related to the keywork. R. 2.3 Issues Book · State = Searched the book user want to issue · Input - Click the book usey wants. · Output - Confirmation for book isnu and apalagy for failure in issu.

Processing int Selected book is available
then book will be issued else crown
will be displayed. R. 2. 4: Renew book · State: book is issued and is about to reach the date of return - in pat'- Select the book to be renewed. output! Confirmation message. nother care then ever message will be be Send and if not then configuration mercege will be displayed R. 2.5 2 Return Input. Return the book to the bir library. · Output: The issued dist will be replaced and the returned book will be clisted out.

R. 2.6'- Reserve Look

· Input: Enter the defuils of the book.

Output: book successfully reserved.

Desociption: if a book is issued by Someone then the user can Reserve ut so that lader the user Can issue it.

R.2.7 Fine

· Input! - Check for the fines.

outfut; details; the about fines on different books threed by the user.

Processing! the fine will be Calculated it uit

Cy offsed the dotte of Britain and the user

is not Sure it then find will be

applied by Is 10 Per day.

R.3 Manage books by elibrarian

A.3.1 update deterils of books

A 3.1.1 Add 500/cs

Date:	/	/
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names; author, edition, quantity. · Output Put :- Confirmation of addition. A. 3. 1. 2 Remove books In but: enter the name of the book and quantily a vailable 2. 4.2 Non functional Requirements Usability Requirement The System Shall allow the users to accept the System from the Phone using Android application. The System uses a Android application as an Availability Requirement.
The System is qualitable loogs for the user and is 4sed 24 hours a day and 365 days in a year

· Efficiency Requisionment Mean time to repair (MTTR)-even if the System will be recovered back up within The System Should accountly Invide real time information taking Into Consideration various Con Currency Issues. Perfermence Requirement

The infermention is refreshed depending upon whether Some updates have occurred or not in the application. The System has to be so Percent reliable due to the importance of dates and the damages that Can be Coursed by incorrect or incomplete dates the System will sun I doings a week 24 hours a doings. . 2.5 Uger Characteristic We have 3 Mevel of users.

User module: in the user module user will Check the availability of the books. · Pesegre Book · Weitten book · fine deteid Liborary Module. · Add new book · femore books. Administration module: The fallowing are the Sub Module in to the adminis Fration module. · Register user · Entry book details · Book issue 2.6 Constraints Any whate regarding the book from the library is to be incileded to have update and correct value, and any find on a

on a menuber Should be notified or Soon as Possible and Should be Correctly Calculated.

And Connected that Visualize fue inter-selationship and the inter-selationship among these entities.

Notations for the Components of ERD!

Entities: An entity is Something about which the business needs to Store data. An entity is a clear of leasons, places, abjects , events or Concepts about which we need to Capture and Stere Lata.

Attribute: An attribute is a descriptive property or Characteristic of an entity.

ER Diagram of Library Management Sys km Login- role - id tlongin - id login Husen-id # Rale - Id yer - name Usea Hous Rale Usey-matile Vale-desc Permission manage add-ski-id address Member # add-id stu mobile Memore add Fluce Mem-emo Mem-rame

body

book-top

Men

Date: / / Page No.,2 Relationship! - A relationship is a natural burness association that exists between one or more entities. The relationship may represent on event clings the entities. Choldinality: definens the minimum and maximum number or Occurrences of one enity that may be related to a Single occurrence of the other

Data flow Diaguam of library Management System (DFD) O-Lelev DFD. p.emonded Boole Request Display of Book Student L'briary Could Book HEVEL DFD Book shelves Book request Authory List of Authors Delivery of Student Book List of titles BOOK Demanded List of topics Display of Book topic

sewish by Demante Rodi

Topic

Book request

(By topic)

(based on topic

Any 32 What is Change Management? Change management is the discipline that
guides how we propose, equip
and Support individuals to Succeptuly
adopt Change in order to doire
Organizational Success and Outcome. Those levels of Change Mangement Individual Change Management While it is the nationallouychological seaction of human to while it is the natural & we are actually quik resilient creatures. When Supported through times of Change. We Cen be wonderfully adaptivo. and Succepped. Individed Change menggement required understanding how leaple experience Change and what
they need to Change Successfully.

It also required knowing that will
help people make a Successful travellion. 150 ..

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Organizational Initivative Change Management. While Charge happens at the indivadual level it is often impospible for markagement provides us with the Project level to Support the hundreds or thouseinds of individuals who are impacted by a project. Enterprise Change Menagement Corpability Enterprise Change management is an organization Cere Competency that provides competivite differentiation and the abidity to effectively adapt to the evol-Changing wald for enfeathise Change management Cerpedality means effective Change management is embedded into Your organization is rales, Structures, Processes, projecte and cleadownip

Changing sequicements for a Software to be developed:

lordly would my Software development by jest be completed without Some Changes being asked of the Project. The Changes Can Stem From changes in environment in which the Finished froduct is envisaged to be used, business changes, regulation Changes 100000 in the obiginal definition of sequirements, climitations in fechnology, Changes in the security environment and so on. The activities of requirement change propagament include receiving the Change requests from the stakeholders. reording the received Change requests.

analyzing and determining the desirability

and process of implementation

implement of the change request, quality

assurance for the implementation of

Change request, quality assurance for the

implementation and claiming the Change. Jeguert.