

WEB BEASED BUS PASS REGISTRATION AND RENEWEL PROCESS

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ABSTRACT: - The project entitled as “Web Based Bus pass Registration and Renewal Process” with python as front-end and backend as SQLite. This project aims to provide solution for maintaining Bus Pass information of students using a database. Online Bus Pass Renewal is a web application that allows students to get Bus Passes through online. The intention of this project is to minimize the use of student's power, without making them to stand in a queue for a very long time. Online Bus Pass Renewal system helps to reduce the paper work, time consumption and makes the process of getting Bus Pass in a simple and much faster way. The system also provides students a facility to Renewal their Passes, so that the students need not go anywhere for the above purpose. User can refill their account and extend the validity every time when the pass expires. Admin can view all users' details and balance through its login.

Keywords: - PYTHON,SQLITE,DJANGO

1. MODULES INCLUDED

- Registration.
- Authentication.
- Generation of Bus Pass.
- Bus Pass Renewal.

2. SYSTEM STUDY

Existing system

- Here the existing system is a manual one using which the banking agent can't maintain the effectively by sharing across different branches with proper security and can't track details easily.
- It doesn't provide proper co-ordination between different departments of the company.
- It doesn't allow the customer to check the status of his file in proper way which leads customer dis-satisfaction.

Proposed system

- Proposed to make the new system extremely user friendly for the user to the entire bus pass registering and renewal process.
- It is developed to help for the students which are the main concept of the project.
- Proposed system is an online web application that helps people in an efficient and secure manner.

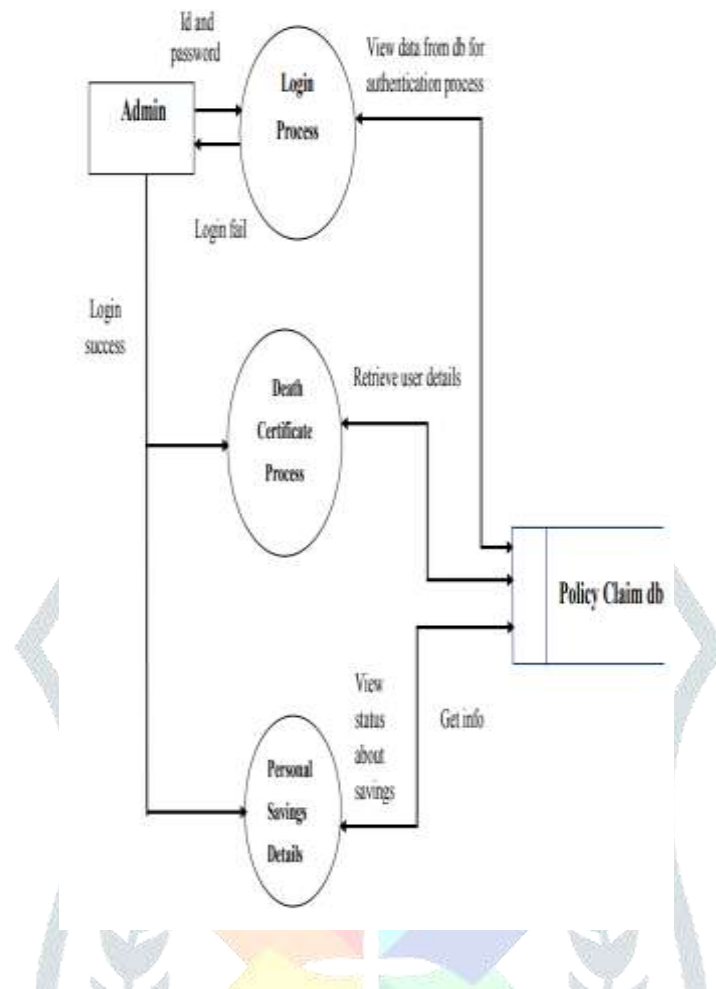
3. DFD

LEVEL 0:

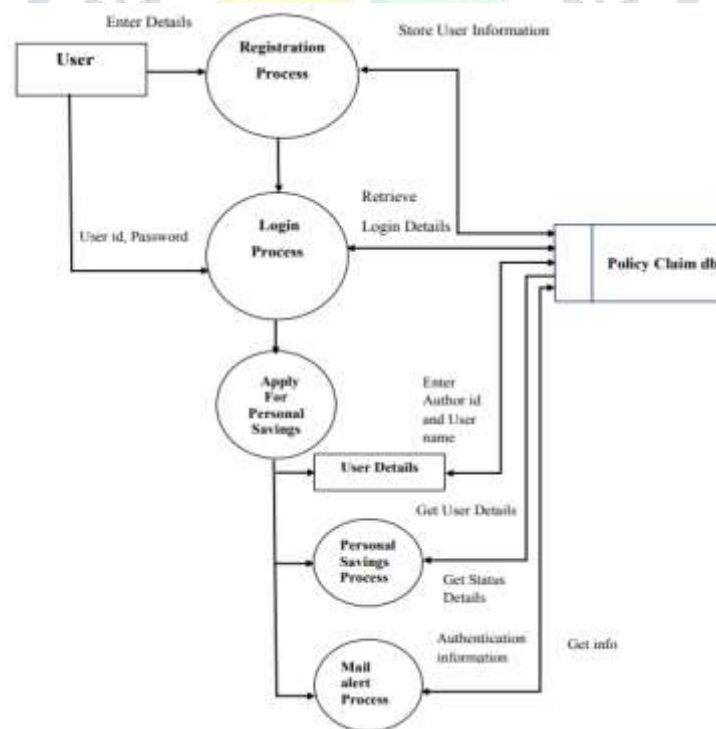


LEVEL-1

ADMIN PAGE



USER PAGE



4. SCOPE FOR FUTURE ENHANCEMENT

Every application has its own merits and demerits. The project has covered almost all the requirements. Further requirements and improvements can easily be done since the coding is mainly structured or modular in nature. Changing the existing modules or adding new modules can append improvements.

In this application we can include the future enhancement for develop in this application in android smart phone application. Now a day's peoples all are using the smart phone like android based phones so that would help to get information easily through smart phone and get a response efficient manner.

5. CONCLUSION

The project “**Web Based Bus pass Registration and Renewal Process**” was designed successfully and it was executed with successful database connectivity.

Implementation is the stage of the project when the theoretical design is turned out into a working system. Thus it can be considered to be the most critical stage in achieving a successful new system and in giving the user, confidence that the new system will work and be effective.

Proposed system is concluded that the application works well and satisfies the needs. The application is tested very well and errors are properly debugged.

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SCREEN SHORTS

FIG 1 : USER REGISTRATION PAGE



FIG 2: VIEW REPORTS

Sl No	License No	Bus No	Bus Type	Bus Capacity	Bus Status	Bus Location	Bus Operator	Bus Contact No	Bus Email	Bus Action
1	1234	5678	9101	2000	Active	Chennai	ABC Transport	9876543210	abc@transport.com	View
2	2345	6789	0123	1500	Expired	Madurai	DEF Transport	8765432109	def@transport.com	View
3	3456	7890	1234	1000	Active	Coimbatore	GHI Transport	7654321098	ghi@transport.com	View

FIG3: RENEWAL PROCESS



FIG 4 : GENERATION PROCESS

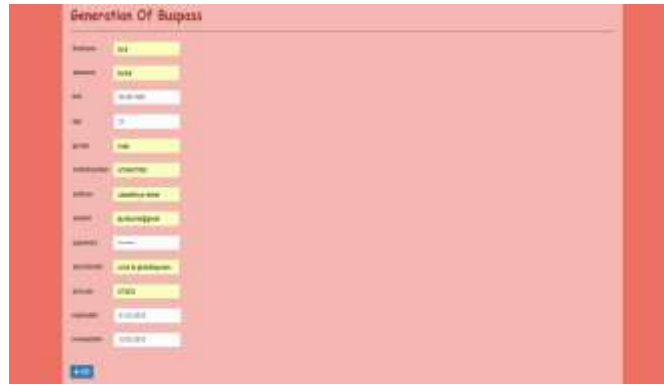


FIG 5 : UPDATE PROCESS

