**Synopsis**

1. ***ATM Management System using Advanced Java***
2. **Problem definition:**

The proposed system need to maintain all the records in computerized form.

1. It is useful to reducing the extra work which maintains the records of book keeping & paper less work.
2. The storage space, extra workers, missing files all these possibilities are decreased through this system.
3. With the help of this system ATM card holder can see all the records about his account only at any time efficiently.

iv) The most important facility provided by this system is that, there is no any possibility of miss any records.

v) So, this system helps to overcome the problems of previous system.

vi) An ATM card is an ISO card issued by a bank, credit union or building society. Unlike a debit card, in-store purchases or refunds with an ATM card can generally be made in person only, as they require authentication through a personal identification number or PIN. In other words, ATM cards cannot be used at merchants that only accept credit cards.

1. **Objectives and Scope:**  As this is software it can be used by a wide variety of banks to automate the process of manually maintaining the records related to each transaction of bank account holder. The main goal of this application is to provide very reliable & efficient service to bank account holder at any time & any location.

This system will cover the following modules,

* Cash Withdrawal.
* Balance Enquiry.
* Mini Statement.
* PIN Change.
* Cash Deposit.
* Loan Information.
* Help Menu.

1. **Methodology:**

**4.1 Data Collection:** Fact-Finding is the formal process of using research, interviews, questionnaires, sampling and preferences. It is also called information about systems, requirements, and preferences. It is also called **Information Gathering** or **Data Collection**. Tools, such as data and process models, document facts, and conclusion are drawn from facts. If you can’t collect the facts, you can’t use the tools. Fact-Finding skills must be learned and practiced.

**Different types of Fact-Finding techniques are:**

\* INTERVIEWS

\* QUESTIONNAIRE

\* RECORD REVIEW

\* OBSERVATION

* 1. **Tools and Platform:**

Hardware Specification: - Ram: - 128MB and more

HDD: - 80GB and more

Processor: - Pentium 4 and above

Software Specification: - OS: - Windows XP and above or Linux

Front end: - Java Runtime Environment (JDK)

Back end: - MySQL