

**Infosys Limited**

**InvestoAvenue  
Requirements Specification**

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**INFOSYS LIMITED,  
Mysore.**

## REVISION LIST

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## 1. BUSINESS OF THE CUSTOMER

InvestoAvenue is a specialist wealth handling firm that is focused towards personalized financial advisory, thus catering to the asset management requirements of its clients. Financial advices provided by InvestoAvenue is based on understanding the client's present and future cash flows and financial objectives.

## 2. PROJECT/PRODUCT OVERVIEW

The application should incorporate a user-friendly design and help InvestoAvenue's business by allowing clients to provide their financial details. Clients should be allowed to register and create their own profiles in order to seek financial guidance. The application should employ an analytical algorithm, that would suggest the best investment and financial plans, as per the details provided by the clients. Payment should be accepted categorically based on the services provided.

## 3. FUNCTIONAL REQUIREMENTS

### 3.1 REQUIREMENTS IN SCOPE

- The Application should have the following features:
  - It should give a brief information about InvestoAvenue and their business history
  - It should provide an option in the homepage for clients to register and login
  - It should allow different categories of clients to register and avail the services. Some categories of clients that can be considered are:
    - Individuals
    - Medium Scale Industries
    - Corporates
  - Apart from the above, other categories need to be considered and included as well
  - It should allow a client to add his/her (in case of an individual) or his/her firm's (in case of Medium Scale industries or Corporates) basic details during registration
  - It should allow a client to add the following details mandatorily upon attempting to seek financial/investment guidance:
    - What are the things you want to save and invest for? Few Parameters can be:
      - Home
      - Car
      - Education
      - Medical Emergencies
      - Periods of Unemployment
      - Periods of Low productivity
      - Periods of recession
      - Untoward incidents
    - The above information can be taken into account, along with a time frame so as to, by when the investment for a parameter has to be done
    - What is your Net worth statement? This will include a list of all assets (along with their value) like:
      - Cash
      - Checking Accounts
      - Savings
      - Cash Value of life insurance
      - Retirement Accounts
      - Properties

It will also include a list of all liabilities (along with their amount) like:

- Mortgage Balance
- Credit cards
- Bank Loans
- Factory Loans
- What are the sources of income and expenditure? (Parameters relevant for an Individual/Medium Scale Industry/Corporate have to be considered here)
- It should incorporate an analytical algorithm that would suggest the clients a list of the most appropriate investment options based on the various parameters/information provided by the clients
- It should allow payment of the specified charges for the services availed
- It should allow clients to rate the application and provide a feedback on its performance
- It should pick the best positive reviews written by the registered clients and display them on the homepage
- Application should have the following user types:
  - Guest users
  - Registered Clients
- When a guest user opens the website he/she should have the following options:
  - View basic information about InvestoAvenue and their business history
  - View the best positive reviews written by registered clients on the homepage
  - Register as a Client by providing appropriate details
- When a registered client logs in using his/her credentials, he/she should have the following options:
  - Should be able to update/maintain a profile
  - Should be able to seek financial/investment guidance from the application by providing the required details (as mentioned above)
  - Should be able to rate the application and provide a feedback on its performance

### 3.2 REQUIREMENTS OUT OF SCOPE

- Application need not be mobile friendly
- Application need not be designed to allow video upload
- Application need not support multiple languages

### 3.3 USER INTERFACE

- The UI must be simple and easy to understand
- The UI must adapt to the different screen sizes and resolutions

## 4. EXTERNAL SYSTEM INTERFACE REQUIREMENTS

None

## 5. NON FUNCTIONAL REQUIREMENTS

### 5.1 Security

Users should be able to login by providing a unique user id and password which will fulfil the security requirements.

## 5.2 Audit Trail

Not available

## 5.3 Error logging

Not available

## 5.4 Multi language Support

Should support only English language.

## 5.5 Performance

Application should be light and responsive

## 5.6 Scalability

The Application must support multiple users without performance degradation.

## 5.7 Availability / reliability

The probability of failure should be as less as possible.

## 5.8 Data migration

Not available

## 5.9 Data Retention

Not available

## 5.10 Legal/ regulatory requirements

Not available

## 6. HARDWARE AND SOFTWARE REQUIREMENTS

### 6.1 Deployment Environment Requirements

#### Hardware requirements

Processor/RAM/HDD	: N/A
Web server	: N/A
Database Server	: SQLite

#### Software requirements

Operating System:	Android v4 and above
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### 6.2 Development Environment Requirements

IDE	: Android studio 3.0 or above
Processor/RAM/HDD	: 8 GB RAM /Intel Core Processor

## 7. REFERENCES

- <http://www.w3schools.com/>

