Data and Applications Phase 1

Jai Bardhan, Bhavyajeet Singh, Vikrant Dewangan

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Preface

This is the preface to the document

Acknowledgement

We wouldn't be able to complete this without the support of the professor.

Chapter 1

Introduction

The idea behind this document is to compile the ideas and features that we plan to implement in our final product. Here we would also write about certain details of the features :

- *The schema of the database*

- *The methods required to implement the feature*

- *Structure of the routing*

- *Permissions of the resources*

More than just that, we want to construct this SRS to provide us a good footing for our future work on this project.

1.1 Purpose

The purpose of this document is to build a crowdfunding system to provide creators an online platform to pitch their products and allow the visitors to fund their choice. (Write more)

1.2 Document Convention

The document uses the following conventions: (Write more)

Abbreviations	Value
DB	Database
DDB	Distributed Database
ER	Entity Relationship

1.3 Intended Audience and Suggested Reading

The project is a prototype (attempting at a production level) for a crowdfunding platform and it is restricted under the college premises. This has been implemented under the guidance of the professors. This project is useful to budding entrepreneurs to showcase their new ideas. (Write more).

1.4 Project Scope

The system is based on a relational database with its accounts management, projects managements, and funding functions. We will have a database supporting content of many different kinds, allowing the creators to put in as many links and photos as they like. Allowing them to customize their page through easy tools. We would like to also manage the bank accounts of the creators and the Payment methods of the Investors.
We hope to provide a customizable, yet powerful platform for various creators to pitch their products and reach the target audience. (Write More)

1.5 References

- https://github.com/Jai2500
- https://google.com

Chapter 2

Overall Description

2.1 Product Perspective

A distributed database stores the following details; (Write More)

- **Creator Details:**
  It contains the account details such as the account_id, projects, bank details, and other relevant details.

- **Investor Details:**
  It contains the account details such as the account_id, payment methods, supported projects, and other relevant details.

- **Project Details:**
  It contains the project details such as project_id, creator details, project customizable elements, supporters, supporter details, and other relevant details.

2.2 Project Features

Make an ER thing? (Work Needed)

2.3 User Class and Characteristics

There would be 2 class of people: (Work Needed)

2.3.1 Creators

Creators should be able to upload their projects and relevant data and also be able to customize their launch pages. They should be easily able to interact with the customers through and keep track of the supporters of the project.

The database should allow the implementation of features. The creator should have access to the following features:

- Launch a new project

- Track the status of the funding

- Know the details of the supporters

2.3.2 Supporters

Supporters should be able to view their supported products and also be able to support new products. The supporter should have access to the following features:

- Supporters should be able to view their supported projects.

- Supporters should be able to view their account details.

- Supporters should be able to discover new products based on their interest.

2.4 Operating Environment

No clue currently.(Write more)

2.5 Design and Implementation Constraints

No clue (Work needed)

Chapter 3

System Features

3.1   Description and Priority