

FREELANCE ARTIST BOOKING SYSTEM

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OVERVIEW

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INTRODUCTION

Centralized freelance artist booking platform that connects users/clients with performers.

Designed for events like weddings, seminars, restaurants, local events, Corporate events etc.

Makes booking easier by replacing the manual process with a simple and user-friendly online system for both clients and artists



PROBLEM STATEMENT

CLIENTS

Scattered and informal booking

Difficulty in finding right talent

No Legal Safeguards

Unsecure Payments

ARTISTS

1

Limited Exposure

2

Poor Banking Management

3

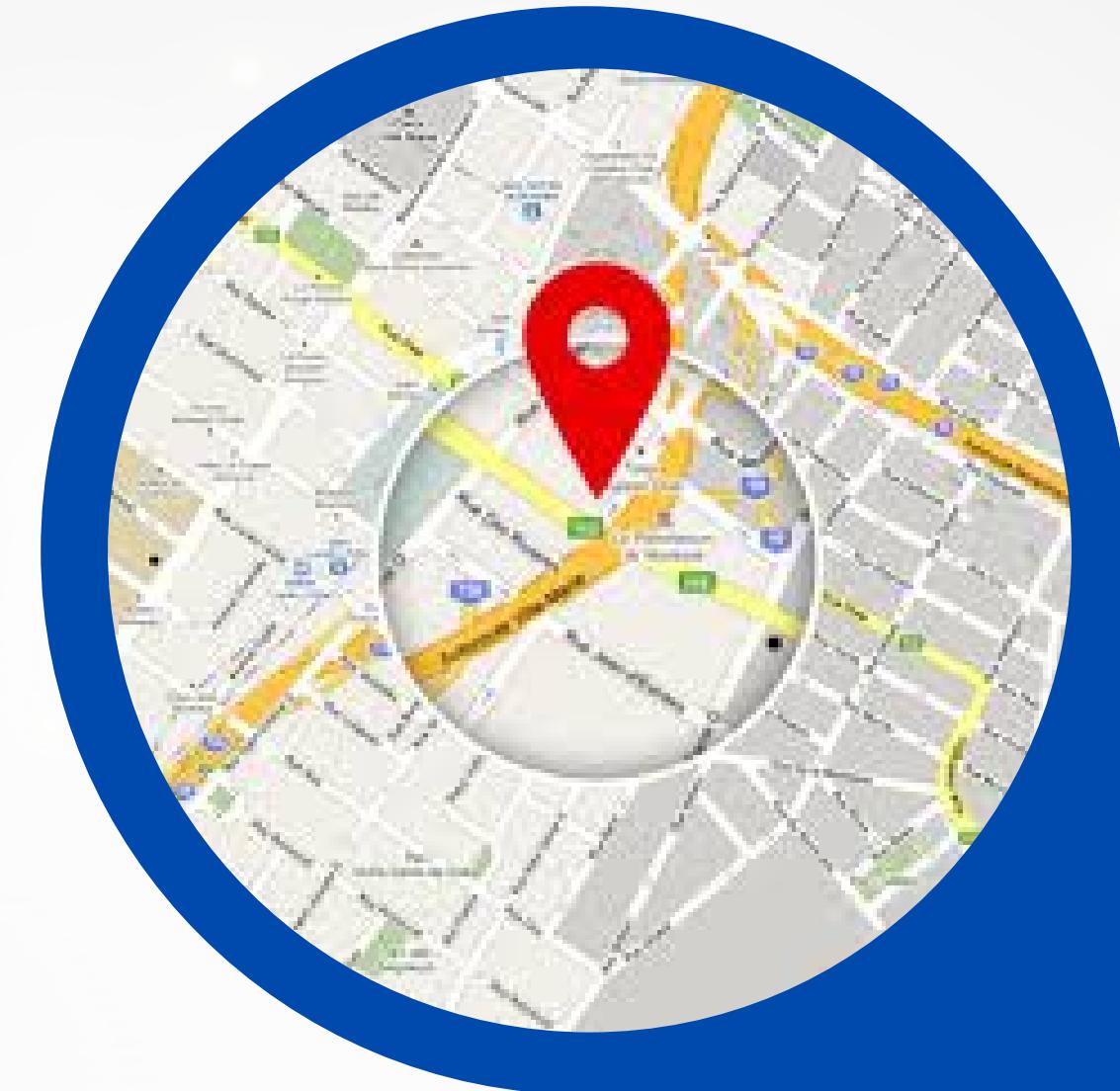
No Legal Security

4

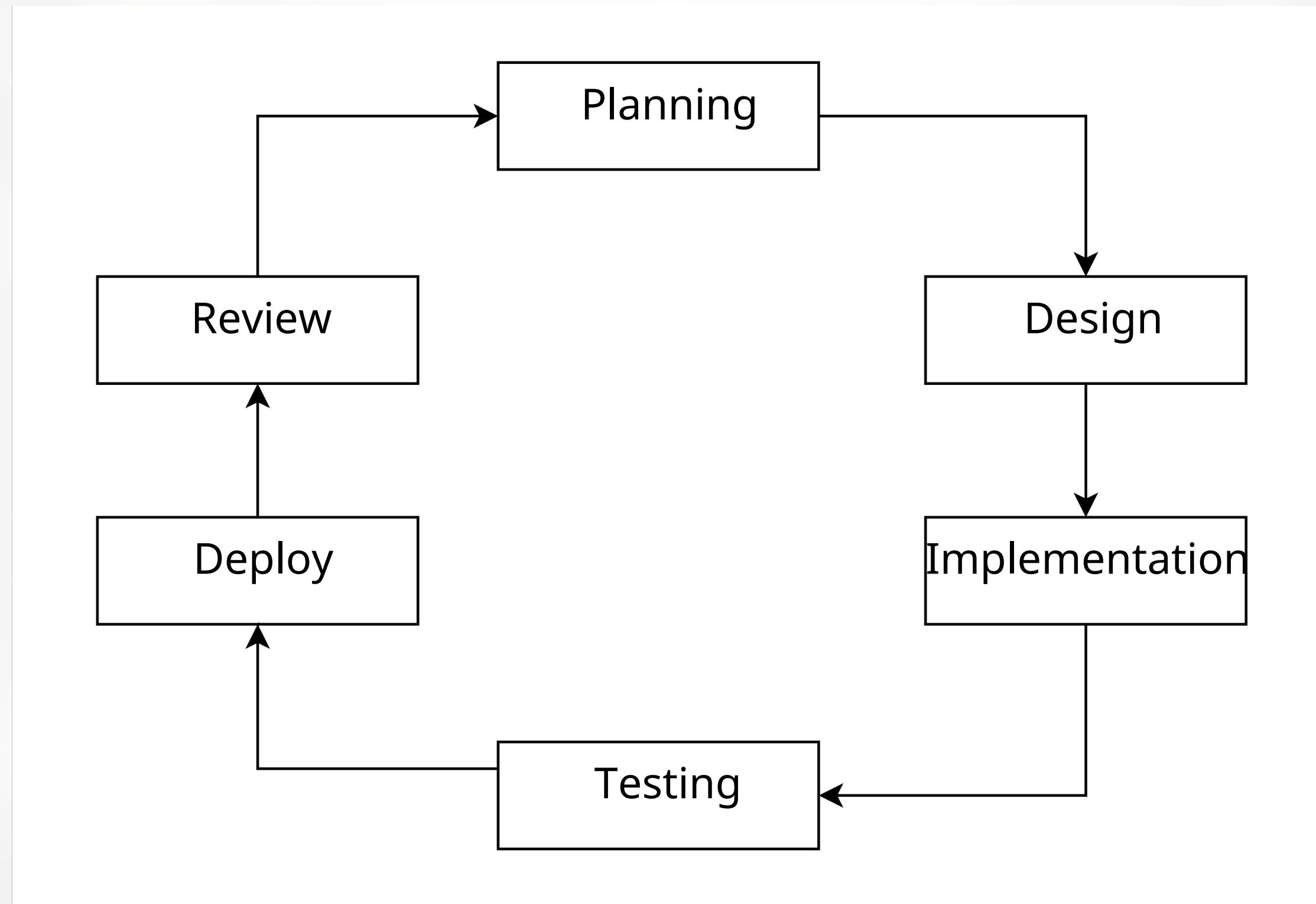
Delayed or Unsecure Payments

OBJECTIVE

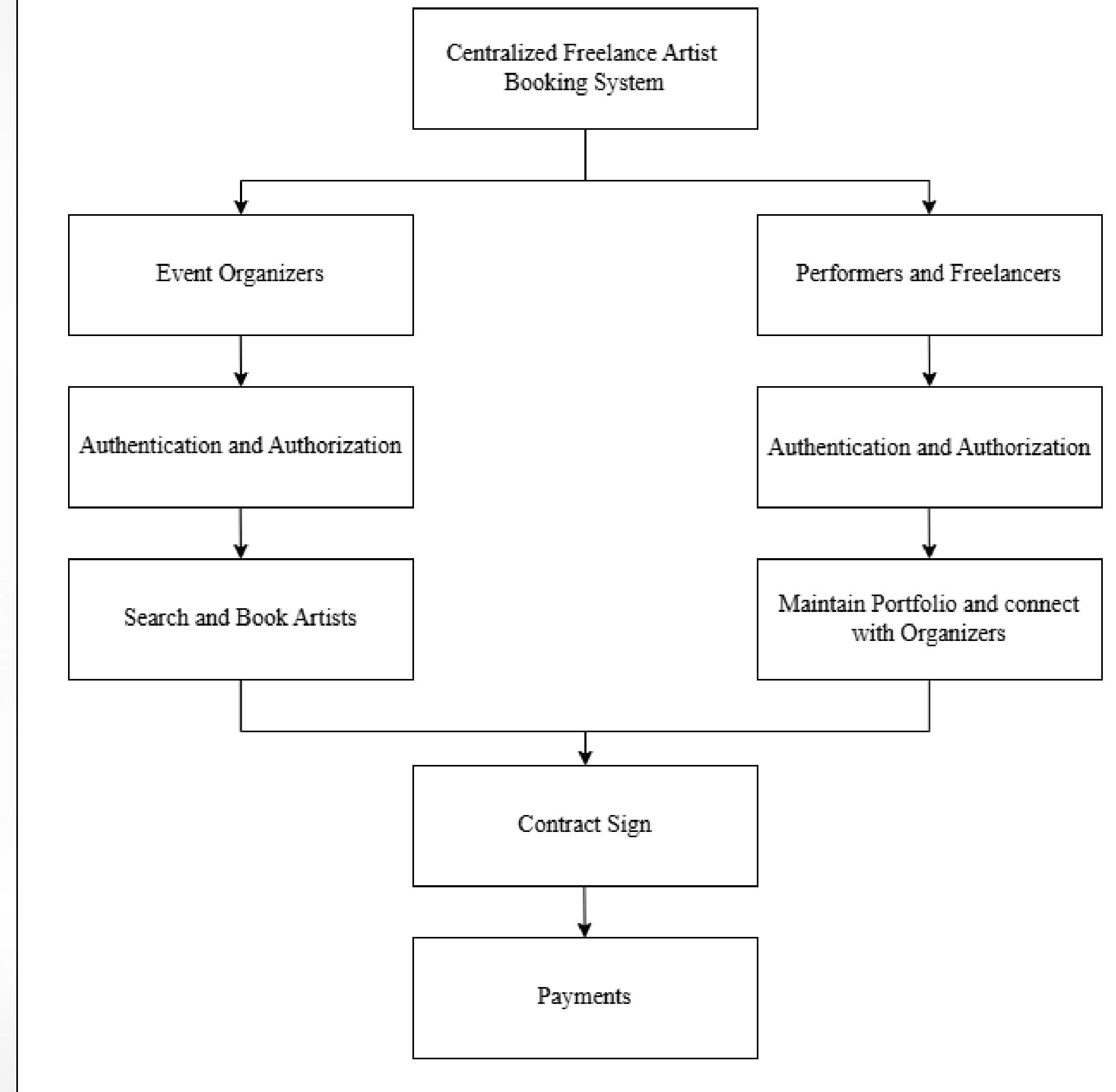
- To Promote opportunities for local and emerging freelance artists.
- To Include detailed portfolios with media and filters.
- To Recommend artists based on user preferences, location and enable real-time chat for coordination.
- To Integrate secure and advance payment systems.



AGILE METHODOLOGY



BLOCK DIAGRAM



TOOLS USED

MERN STACK

-  MongoDB
- ex Express.js
-  React.js
-  Node.js
-  Cloudinary

REAL-TIME & DEV TOOLS

-  Socket.IO
-  Git
-  GitHub
-  VS Code

DESIGN & DOCUMENTATION

-  Figma
-  Draw.io
-  Overleaf

IMPLEMENTATION

ALGORITHMS USED

1

Multi staged Filtering Algorithm

- Cosine Similarity Algorithm
- Haversine Algorithm
- Budget Fit
- Final Weighted Score
- Labeling and Ranking

2

Linear Search Algorithm

ALGORITHMS USED

3

Hybrid Recommendation Algorithm

- Content based
- Collaborative
- Hybrid of content-based and collaborative algorithm

4

Harversine Algorithm

5

Bayesian Average Rating Algorithm

RESULT ANALYSIS



DEMO



THANK YOU

