Islamic University of Technology

Project Name: **Canvas**

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Team Members

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Project Overview

In a world of booming technology, the lives of the people have become mechanized. People can rarely find spare time to enlighten their artistic minds. In the technology oriented life, people always have access to the internet. What if there is a way to create a bridge between art and technology? We are thinking of making a system to make art highly accessible by the mass of people. Canvas is such a system which provides the opportunities like joining exhibitions online, purchasing and collecting arts, rating system and getting the reminder of the upcoming exhibitions. There will be 3 types of users in our system - admin, art enthusiasts and organization. Admin will have the overall control over the system. Organizations will create exhibitions where the authenticated users will be able to explore the exhibitions.

Problem Statement

- In Bangladesh, exhibitions are always held physically. There is no dedicated platform for online exhibition to the best of our knowledge. So, we will try to build this project & take the place.
- It takes much hassle & time needed in Offline exhibitions. So, we should take this opportunity by building an online exhibition app.
- Users can also categorize the exhibition according to user interest which is not possible in offline exhibition.

Core Features

- Authentication & User Profile
- Exhibition Creation
- Upcoming Exhibition & Reminder
- Buy & Sell Art
- Rating System
- Ownership control (Additional feature)
- Virtual Room (Additional feature)

Our system requires users to get authenticated first. After getting authenticated, organizations will have the opportunity to create an exhibition by providing the information mentioned below:

- Exhibition name
- Exhibition type
- Free/ Paid exhibition
- Exhibition duration
- Art info
    - Selling status(If any art is sellable or not)
    - Artist name
    - Frame size
    - Price

As the exhibition is created, now art enthusiasts can get into this exhibition & explore the exhibition. They can also purchase any art that is sellable. A dedicated rating system will be there for the users to rate the overall exhibition experience. Art enthusiasts can see all the upcoming exhibitions in his feed & get notified of the exhibitions that he has shown interest in.

Technologies

- **Type of Application:** Web Application
- **Front End:** HTML, CSS, Javascript, Bootstrap
- **Backend:** Django framework
- **Database:** SQLite/ PostgreSQL
- **Source Control:** Github
- **IDE:** Visual Studio Code

Timeline

- **Aug 01 - Aug 25**
    - Brainstorming
    - Project idea selection
    - Project requirement analysis
- **Aug 26 - Sep 25**
    - Front End Learning & Development
- **Sep 20 - Nov 10**
    - Backend learning & development
    - Database learning & development
- **Nov 10 - Nov 18**
    - Debugging
    - Completion of the project