

# UX-PLOSION

WHERE CREATIVITY MEETS FUNCTIONALITY

## Hackathon Problem Statements

# CONTENTS

- 1 Revolutionizing Canteen Management - Website**
- 2 Innovative Student Dashboard & College Newspaper Website**
- 3 Efficient Gatepass System & Grievance, Lost and Found Website Hackathon**
- 4 Comprehensive Club Portfolio, Permissions, & Certificate Generator Website Hackathon**
- 5 Placement Prep Hub: Launch Your Dream Career**
- 6 Robotics Expo 2024: Where Innovation Meets Inspiration**
- 7 The AP Government Innovation Hunt Website**
- 8 Urban Company: Optimized Extras with Experience Filters**

# 1) REVOLUTIONIZING CANTEEN MANAGEMENT - WEBSITE

## Objective:

To design a user-centric and efficient website for canteen management that enhances operational efficiency and user experience for both students and canteen staff.

## Description

Participants are tasked with creating a website for canteen management that includes the following features:

<b>1) Order Management:</b> <ul style="list-style-type: none"><li><b>Menu Browsing:</b> Easily browse the canteen menu with detailed descriptions and pictures of each item.</li><li><b>Online Ordering:</b> Place orders online with options for customization.</li><li><b>Payment Integration:</b> Support various payment methods including digital wallets, credit/debit cards, and college meal plans.</li><li><b>Order Tracking:</b> Get real-time updates on order status and estimated preparation time.</li></ul>	<b>2) Inventory Management:</b> <ul style="list-style-type: none"><li><b>Real-Time Tracking:</b> Monitor inventory levels in real-time to manage stock effectively.</li><li><b>Automated Restocking:</b> Set up alerts and automatic orders for restocking supplies.</li><li><b>Waste Reduction:</b> Use data to minimize food waste and optimize supply chain management.</li></ul>	<b>3) Feedback and Rating System:</b> <ul style="list-style-type: none"><li><b>Real-Time Tracking:</b> Monitor inventory levels in real-time to manage stock effectively.</li><li><b>Automated Restocking:</b> Set up alerts and automatic orders for restocking supplies.</li><li><b>Waste Reduction:</b> Use data to minimize food waste and optimize supply chain management.</li></ul>	<b>4) User-Friendly Interface:</b> <ul style="list-style-type: none"><li><b>Responsive Design:</b> Ensure the website is accessible and functional on multiple devices (smartphones, tablets).</li><li><b>Intuitive Navigation:</b> Design an easy-to-navigate interface with clear categories and search functionality.</li><li><b>Security:</b> Implement robust security measures to protect user data and transactions.</li></ul>
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## 2) INNOVATIVE STUDENT DASHBOARD & COLLEGE NEWSPAPER WEBSITE

### Objective:

To design a comprehensive, user-friendly website that combines a student dashboard and a college newspaper, enhancing the overall student experience by providing seamless access to academic information and college updates.

### Description

Participants are tasked with creating an integrated website that serves dual purposes:

#### 1) Student Dashboard:

- **Academic Information:** Display attendance, grades, and course schedules.
- **Notifications:** Show important announcements and upcoming deadlines.
- **Communication Tools:** Enable messaging between students and teachers.

#### 2) College Newspaper:

- **News and Articles:** Post updates about college events and achievements.
- **Sections:** Include dedicated areas for sports, culture, and academics.
- **Multimedia:** Add photos and videos related to articles and events.

### 3) EFFICIENT GATEPASS SYSTEM & GRIEVANCE, LOST AND FOUND WEBSITE

#### Objective:

To design a comprehensive, user-friendly website that combines a gatepass system with a platform for submitting grievances and managing lost and found items, enhancing campus security and student support services.

#### Description

Participants are tasked with creating an integrated website that serves dual purposes:

##### 1) Gatepass System:

- **Gatepass Requests:** Allow students to request gatepasses online with approval workflows.
- **Status Tracking:** Enable students to track the status of their gatepass requests.
- **Digital Passes:** Generate digital passes that can be scanned at entry/exit points.

##### 2) Grievance, Lost and Found:

- **Grievance Submission:** Provide a simple form for students to submit grievances.
- **Tracking and Updates:** Allow students to track the status of their grievances and receive updates.
- **Lost and Found:** Enable students to report lost items and view found items.
- **Communication:** Facilitate communication between students and the relevant departments for resolving issues.

# 4) COMPREHENSIVE CLUB PORTFOLIO, PERMISSIONS, & CERTIFICATE GENERATOR WEBSITE

## Objective:

To design a comprehensive, user-friendly website that combines a club portfolio, a permissions system, and a certificate generator, enhancing the management and recognition of student clubs and activities.

## Description

Participants are tasked with creating an integrated website that serves multiple purposes:

### 1) Club Portfolio:

- Club Profiles:** Create detailed profiles for each club, including descriptions, activities, and achievements.
- Event Listings:** Display upcoming and past events organized by the clubs.
- Membership Information:** Provide information on how to join and participate in club activities.

### 2) Permissions System:

- Event Permissions:** Allow club leaders to request permissions for events and activities.
- Approval Workflow:** Implement a workflow for approval from relevant authorities.
- Status Tracking:** Enable clubs to track the status of their permission requests.

### 3) Certificate Generator:

- Template Design:** Provide customizable templates for certificates of participation, achievement, and recognition.
- Automated Generation:** Allow for the automated generation of certificates based on predefined criteria.
- Distribution:** Facilitate the digital distribution of certificates to recipients.

# 5) PLACEMENT PREP HUB: LAUNCH YOUR DREAM CAREER

## Objective:

To provide students with a single online space where they can easily interact with fellow learners, access carefully selected materials, and get ready for placement tests and interviews.

## Description

Participants are tasked with creating a website for Placement prep hub that includes the following features:

<b>1) Peer Network:</b> <ul style="list-style-type: none"><li><b>Connect with peers:</b> Share experiences and form study groups.</li><li><b>Support each other:</b> Get and give help to ace those placements.</li></ul>	<b>2) Company Insights:</b> <ul style="list-style-type: none"><li><b>Deep Dive:</b> Thoroughly examine the profiles of rising placement firms.</li><li><b>Unlock Success:</b> Analyze job descriptions, interview methods, and selection criteria to gain a competitive advantage.</li></ul>	<b>3)The Box of Materialst:</b> <ul style="list-style-type: none"><li><b>Sharpen Your Skills:</b> Access a wide range of materials for specific exams, including practice questions, mock exams, and interview guides.</li><li><b>Craft a Standout Resume:</b> Utilize accessible resume templates to create a CV that grabs attention.</li></ul>	<b>4) Mobile Responsiveness:</b> <ul style="list-style-type: none"><li>Ensure the website is optimized for a smooth user experience on all devices (desktop, tablet, mobile).</li></ul>
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# 6) ROBOTICS EXPO 2024: WHERE INNOVATION MEETS INSPIRATION

## Objective:

Robotics Expo 2024 website acts as a simple registration and information gateway. We see a more exciting and compelling event that draws in a larger crowd and encourages closer ties among the robotics community.

## Description

Participants are tasked with creating a website for Robotics expo that includes the following features:

### 1) Networking:

- Connections between attendees through features like interactive attendee profiles, chat functionalities, and networking events.

### 2) Event Discovery:

- Cater to diverse interests, allowing users to explore events, workshops, and speakers based on their preferences and areas of focus.

### 3) Registration & Payment:

- Provide a user-friendly and platform for registering for various event passes with secure payment options.

### 4) Mobile Responsiveness:

- Ensure the website is optimized for a smooth user experience on all devices (desktop, tablet, mobile).

# **7) THE AP GOVERNMENT INNOVATION HUNT WEBSITE:**

## **Objective:**

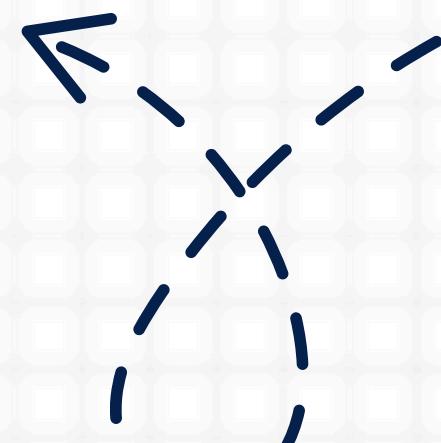
Empower citizens and government employees to submit and collaborate on innovative solutions to challenges faced by Andhra Pradesh

## **Description**

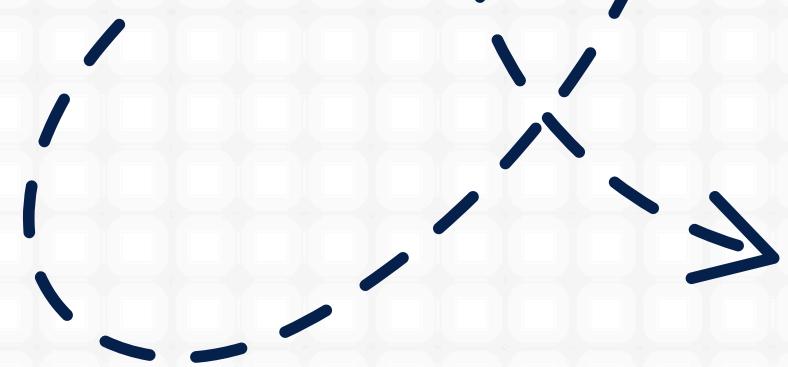
Spark Change is a user-friendly website for the AP government's Innovation Hunt program. It facilitates the submission, collaboration, and recognition of innovative ideas to improve government services and address pressing issues within the state.:.

## **Key Features:**

- Simple online forms for both citizens and government employees to submit ideas.
- Clear presentation of current challenges faced by various government departments.
- Tools for users to collaborate on ideas, provide feedback, and participate in discussions.
- Recognition and reward system for the most impactful solutions.
- Transparent progress tracking to keep users informed about the review process.



## 8) URBAN COMPANY: OPTIMIZED EXTRAS WITH EXPERIENCE FILTERS



### Objective:

Finding the perfect Urban Company professional for your needs can be overwhelming, especially when navigating the various "extras" offered by some service providers. We propose an optimized version of Urban Company's extra selection process, including filters based on experience requirements.

### Description

Participants are tasked with creating a website for Urban Company that includes the following features:

<b>1) Categorize Extras:</b> <ul style="list-style-type: none"><li>• Group "extras" into relevant categories like "Advanced Techniques," "Specialized Services," or "Additional Time." This makes it easier for users to understand what each extra entails.</li></ul>	<b>2) Experience Filters:</b> <ul style="list-style-type: none"><li>• Implement filters within each category to allow users to specify the desired experience level (e.g., Beginner, Intermediate, Advanced) for the chosen extra. This ensures users are matched with professionals who possess the specific expertise they require</li></ul>	<b>3) Detailed Descriptions:</b> <ul style="list-style-type: none"><li>• Provide clear and concise descriptions of each extra. Briefly explain what it includes and how it can enhance the service experience.</li></ul>	<b>4) Visual Aids:</b> <ul style="list-style-type: none"><li>• Consider incorporating visuals like icons or short videos to illustrate the benefits of each extra.</li></ul>
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