A SOCIAL AWARENESS AND CIVIC ENGAGEMENT WEB PLATFORM DOCUMENTATION

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PROPOSED SOLUTION

EcoVerse is a proposed web platform that aims to provide a one-stop solution for all sustainable development goals-related content, including news, blogs, government schemes for startups, CSR activities, and opportunities for startups, investors, and volunteers. The platform will utilize AI features such as sentiment analysis, natural language processing, recommendation systems, chatbots, and automated funding to enhance user experience and provide more personalized content.

The website structure will be divided into modules such as a Writers Module, Startups Module, CSR Module, Government Schemes Module, and Rewards Module. I have explained these modules in detail below.

Writers Module:

The Writers module of EcoVerse is designed to provide a platform for writers to share their thoughts on sustainable development and related topics. The module allows writers to submit their articles, essays, and blogs on the platform. Before publishing, the content will go through a moderation process to ensure its authenticity, relevance, and accuracy.

Readers can read and engage with the content by liking, sharing, and commenting on it. The platform also provides a feature for readers to agree or disagree with the writer's opinion. If the readers agree, they can sign petitions related to the article's topic, adding to the platform's advocacy efforts.

To maintain the quality of the content and provide a fair compensation for writers, EcoVerse will implement a reward system based on the readers' engagement with the content. Writers will receive rewards in the form of tokens that can be exchanged for monetary compensation.

In addition, EcoVerse will leverage AI-powered sentiment analysis to identify the most positively received content and the issues that are most concerning to readers. The platform will also use Natural Language Processing (NLP) to automatically categorize and tag content based on the Sustainable Development Goals (SDGs) it addresses, making it easier for readers to find relevant content. The platform will use a recommendation system powered by AI to suggest relevant content to readers based on their browsing history, preferences, and the SDGs they are interested in.

Overall, the Writers module of EcoVerse aims to provide a platform for writers to share their thoughts and ideas on sustainable development and related topics. It also provides readers with a source of informative and engaging content and an opportunity to engage in advocacy efforts through petitions.

Startups Module:

The Startups module of EcoVerse is designed to help sustainable startups connect with potential investors, partners, and customers. The platform allows startups to create a profile, upload a pitch deck, and categorize themselves based on the SDGs they address. An AI-powered system matches startups with potential investors based on their funding needs and other relevant factors. The platform also allows startups to browse through the list of potential partners and customers, and even apply for funding from various government schemes. Startups can also use the platform to post updates about their progress and connect with other sustainable startups in their domain.

Overall, the Startups module of EcoVerse aims to provide a one-stop-shop for sustainable startups to showcase their work, connect with relevant stakeholders, and access funding opportunities.

CSR Module:

The CSR module of EcoVerse is designed to help companies showcase their sustainable initiatives and allow users to browse and engage with them. Companies can create a profile and upload information about their sustainable practices, categorizing them by SDGs. EcoVerse uses AI-powered algorithms to categorize and tag CSR activities, making it easier for users to find the activities that align with their interests. Users can browse the activities, read about them, and engage with them through comments, likes, and shares. The sentiment analysis feature can identify the most positively received content and the issues that are most concerning to readers. The petition feature allows users to create and sign petitions related to specific CSR issues, bringing attention to them and encouraging companies to take action.

In summary, the CSR module of EcoVerse provides a platform for companies to showcase their sustainable initiatives, and for users to browse, engage with, and create petitions related to these initiatives. AI-powered algorithms make it easier to find and categorize the activities, and sentiment analysis helps to identify the most positively received content.

Government Schemes Module:

The Government Schemes module of EcoVerse provides information about various government initiatives and schemes that support sustainable startups. The module offers a comprehensive list of schemes, their eligibility criteria, and application processes. Users can filter the schemes based on their SDGs, state, and type of support offered, making it easier to find relevant information. Additionally, the module provides regular updates on new schemes and changes to existing ones, ensuring that users have access to the most up-to-date information.

To implement AI, the module uses natural language processing (NLP) to automatically categorize and tag the schemes based on the SDGs they address. This makes it easier for users to search for and find schemes relevant to their interests. The module also uses sentiment analysis to analyze the feedback and comments from users, identifying the most positively received schemes and areas for improvement.

Overall, the Government Schemes module of EcoVerse aims to promote sustainable entrepreneurship by providing users with a comprehensive and up-to-date list of government schemes and initiatives.

Rewards Module:

The Rewards module of EcoVerse is designed to incentivize users for their contributions towards sustainability. Users can earn EcoPoints for their engagement on the platform, such as publishing content, signing petitions, and sharing information on social media. These EcoPoints can be redeemed for various rewards, including discounts on eco-friendly products, and access to exclusive content.

Additionally, users can earn badges and certificates for their contributions towards sustainability. The badges serve as a recognition of their efforts and can be displayed on their profile for others to see. The certificates can be used for professional development or added to resumes to showcase their dedication to sustainability.

The Rewards module also includes a leaderboard that tracks the top contributors on the platform, creating a sense of competition and encouraging users to participate more actively.

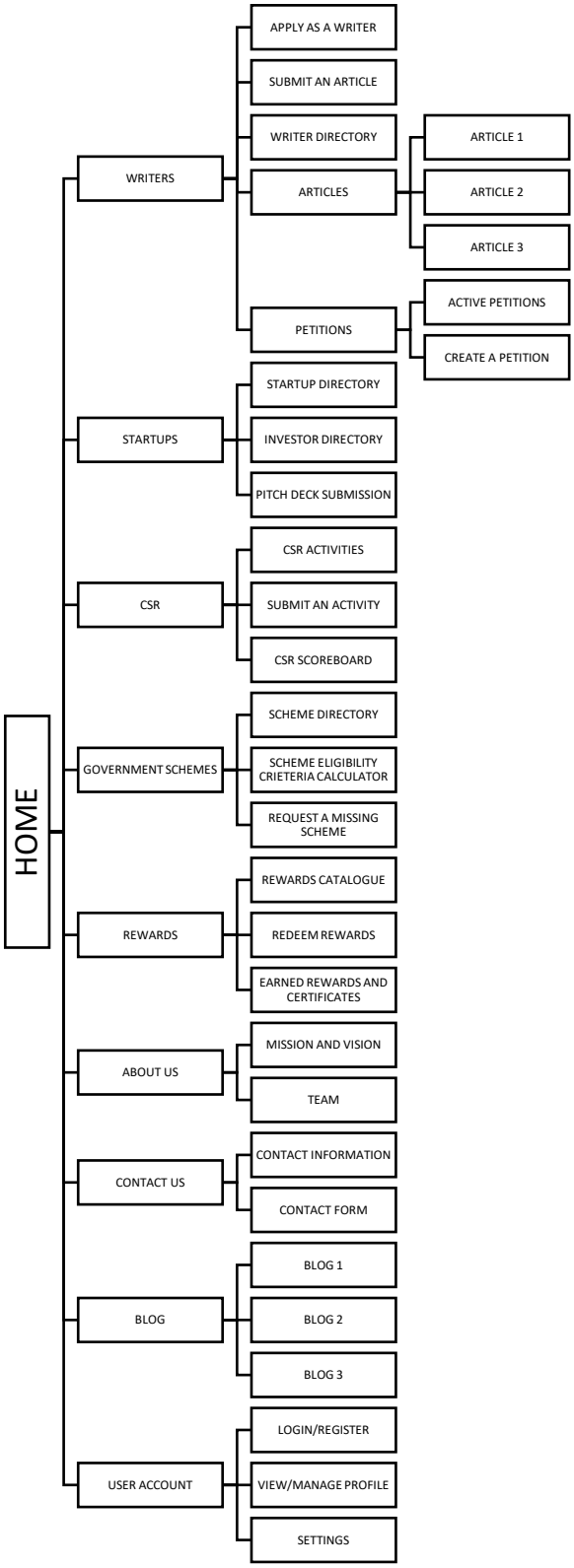
ARTIFICIAL INTELLIGENCE FEATURES

In addition to the above modules, EcoVerse will have several AI features that will enhance the user experience. These include:

- ***Sentiment analysis***: To analyze the sentiment of readers' comments on published content and identify the most positively received content.
- ***Natural Language Processing (NLP)***: To automatically categorize and tag content based on the SDGs it addresses.
- ***Recommendation system***: To suggest content to users based on their browsing history, preferences, and the SDGs they are interested in.
- ***Automated funding***: To match sustainable startups with potential investors based on their pitch deck, funding needs, and other relevant factors.
- ***Chatbot***: To provide users with assistance and support, answering frequently asked questions and providing guidance on how to use the platform.

These AI features can enhance the user experience by providing personalized recommendations, automating certain processes, and improving engagement by providing support and guidance. To achieve these features, we are going to use several Microsoft tools such as Azure Cognitive Services, Azure Machine Learning, Azure Bot Service, Power BI, and Azure Functions.

WEBSITE MAP


HOME
WRITERS
APPLY AS A WRITER
SUBMIT AN ARTICLE
WRITER DIRECTORY
ARTICLES
ARTICLE 1
ARTICLE 2
ARTICLE 3
PETITIONS
ACTIVE PETITIONS
CREATE A PETITION
STARTUPS
STARTUP DIRECTORY
INVESTOR DIRECTORY
PITCH DECK SUBMISSION
CSR
CSR ACTIVITIES
SUBMIT AN ACTIVITY
CSR SCOREBOARD
GOVERNMENT SCHEMES
SCHEME DIRECTORY
SCHEME ELIGIBILITY CRIETERIA CALCULATOR
REQUEST A MISSING SCHEME
REWARDS
REWARDS CATALOGUE
REDEEM REWARDS
EARNED REWARDS AND CERTIFICATES
ABOUT US
MISSION AND VISION
TEAM
CONTACT US
CONTACT INFORMATION
CONTACT FORM
BLOG
BLOG 1
BLOG 2
BLOG 3
USER ACCOUNT
LOGIN/REGISTER
VIEW/MANAGE PROFILE
SETTINGS