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Wild Wonders Adoption: Where Conservation Meets Community

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ABSTRACT: WildWondersAdopt – Where Conservation Meets Community is an innovative platform dedicated to wildlife conservation through a unique animal adoption system. It offers two adoption methods: community-based and organization-based. Community-based adoption allows individuals to collectively contribute funds to adopt an animal, while organization-based adoption involves entities like schools and businesses. The platform promotes community engagement, financial accessibility, and environmental stewardship, distinguishing itself from offline and non-community-focused systems. Utilizing modern web technologies, WildWondersAdopt provides a streamlined and engaging online adoption experience, addressing limitations of current offline adoption processes and expanding the impact of wildlife conservation efforts

KEYWORDS: Adoption, Wild Life, Community

I. INTRODUCTION

WildWondersAdopt offers a new way to help wildlife through a special animal adoption system. There are two main options: Community-Based Adoption and Organization-Based Adoption. In Community-Based Adoption, people can give money based on what they can afford. When the community's total donations reach the needed amount, the animal is adopted. This makes it easier for everyone to get involved. Organization-Based Adoption is for schools, businesses, and non-profits. These groups can adopt animals alone or together, using their resources to make a bigger impact. This also helps build partnerships and encourages social responsibility. Both options offer flexible adoption periods, such as monthly, quarterly, half-yearly, and yearly. This ensures ongoing support for animal care and protection. WildWondersAdopt aims to make the adoption process easy and engaging, bringing more people into wildlife conservation.

II. RELATED WORK

The literature review section explores existing animal adoption systems, identifying their limitations and the necessity for a more accessible, community-focused approach. Traditional systems often rely on offline processes, lack community engagement features, and offer limited flexibility in adoption durations. The review highlights the need for an innovative solution like WildWondersAdopt, which integrates modern web technologies to provide a more efficient, inclusive, and impactful adoption experience. By addressing these gaps, WildWondersAdopt aims to enhance the overall effectiveness of wildlife conservation efforts.

III. PROPOSED ALGORITHM

Proposed System includes:

•User Account Management: Includes login/signup options for different user types such as admins, community users, and organization users.

•Detailed Animal Profiles: Provides comprehensive information about each animal, including species, background, current status, and needs, helping potential adopters make informed decisions.

•Adoption Options: Offers community-based and organization-based adoption methods, promoting both individual and collective engagement in wildlife conservation.

•Flexible Adoption Durations: Allows users to choose adoption durations ranging from monthly to annually, ensuring sustainable support for animal care.

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•Fundraising for Community-Based Adoption: Facilitates and tracks fundraising efforts, encouraging community participation by showcasing collective impact.

•Secure Payment Methods: Ensures secure online transactions, providing users with peace of mind.

•Adoption Confirmation and Receipts: Generates downloadable adoption receipts and confirmation emails, ensuring transparency and providing a tangible record of contributions

IV. PSEUDO CODE

- 1. Initialize System
- 2. Display Homepage
- 3. While the application is running:
 - 1. If user selects login/signup:
 - 1. Handle login/signup for different user types (admin, community user, organization user)
 - 2. If user selects view animal profiles:
 - 1. Display animal profiles with detailed information
 - 3. If user selects adopt:
 - 1. Display adoption options (community-based, organization-based)
 - 2. Display adoption durations (monthly, annually)
 - 3. Handle adoption process
 - 4. Generate adoption confirmation and receipt
 - 5. Send confirmation email
 - 4. If user selects fundraise:
 - 1. Handle fundraising efforts
 - 2. Track fundraising progress
 - 3. Display community impact
 - 5. If user selects make a payment:
 - 1. Handle secure payment process
 - 6. If user selects download receipt:
 - 1. Generate and provide downloadable receipt
- 4. End While
- 5. Terminate System

V. RESULTS



Fig 5.1 Home Page

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Wild Wonder Adopt

Home About Adoption Contact

rohan@gmail.com About Us Van Vihar National Park and Zoo is one of the most revered National Parks and Zoo in Central India. It has become a shining beacon in the field of conservation and is an ideal example of eco-restoration. It is a national park situated within the city limits of Bhopal and presents a perfect picture of grandeur and tranquility of a forest area. It is, in true sense, a real treasure trove of nature and wildlife to be explored by both the wildlife enthusiasts as well as a result truinit. all as a casual tourist Van Vihar National Park and Zoo has an enriching assortment of various fascinating feathered creatures, mesmerising mysterious reptiles, free ranging herbivores and captive carnivores encompassed by greenery. The park which is more popularly known as just "Van Vihar" is considered as a "must see" destination for tourists visiting Bhopal, the capital city of Madhya Pradesh. The typical combination of rich wetland areas, meadows, pools of water at different places, rugged slopes, mixed bamboo vegetation along with grass covered plateau and areas of mixed plantations support the rich floral and faunal diversity of Van Vihar. This green oasis amidst the city of lakes also plays a very vital role as a carbon sink contributing to environmental health of Bhopal. It is situated right next to the famous Upper Lake of Bhopal also known as the "Bada Talab" which is a Ramsar Site and one of the two lakes of Bhoj Wetland. Van Vihar is a part of Upper Lake catchment area which checks siltation and contributes to pollution free water in the lake, one of the major sources of water for the city.

Fig 5.2 About Page

	History	
Van Vihar National Park and Zoo is locate decades back major portion of this area w Prempura, Dharampuri and Amkheda villag	d adjacent to Upper Lake of Bhopal and was created on a denuded and depleted re- was under the control of Revenue department and the remaining portion belonged to ges.	venue area. About three and a half private agricultural land owners of
Even though the area was quite serene an from surrounding human habitation. Quite many commercial organizations loomed lar	nd beautiful, having a little vegetation and root stock, it was prone to severe encroact e a few numbers of illegal stone quarries were operational in the area and a constant rge.	hment and a lot of biotic pressure threat of the area being seized by
An assessment of the location and conditio and the protection of this area. An urgen foreseen. The given protection would lend	on of the area which was facing the above mentioned problems led to the realization it need for the protection this of such an important landmass which was a part of a better life to Upper Lake.	of the importance of conservation the catchment of Upper Lake was
In order to achieve in-situ and ex-situ cons 1972 and a committee was formed to unc constituent flora & fauna.	servation of the flora and fauna, it was decided to provide a legal umbrella to this area derstand the complete situation and recommend the due course to realize the goal	under the Wildlife (protection) Act, of conservation of the area and its
Soon after, as per the committee's recomm Darahmpuri and Amkheda were combined effective from 26th January of that year.	mendation, 388.89 hectares of government revenue land and 56.92 hectares of area b d to constitute a - total area of 445.81 hectares which was later notified as the Van V	belonging to villagers of Prempura, ihar National Park in the year 1983
Once the National Park was constituted th	he area was slowly but surely secured over a period of time, with stonewall and chain	link fence from all sides. Planned

Fig 5.3 History Page

/ild Wonder Adopt	Home About Adoption	Contact	rohan@gmail.com
Sauri Tiger t 2,00,000 /an Vihar National Park	White Tiger ₹ 2,00,000 Van Vihar National Park	Leapord ₹ 1,50,000 Van Vihar National Park	
Tiger 11 Years Adopt Now	Tiger 6 Years Adopt Now	Leapord 4 Years Adopt Now	

Fig 5.4 Adoption Page

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Wild Wonder Adopt	Home About Adoption Contact	rohan@gmail.com
	User Information	
	First name Last name	
	Email address	
	Animal Name	
	Period for Adoption	
	GST if available	
	Phone number (123-456-7890) Alternate number	
	Submit	
Wild Wonder Adopt	RESOURCES FOLLOW US LEGAL	
	Fig. 5.5 User Info Page	
Wild Wonder Adopt	Home About Adoption Contact	rohan@gmail.com
Wild Wonder Adopt	Home About Adoption Contact	rohan@gmail.com
Wild Wonder Adopt	Home About Adoption Contact Contact Us	rohan@gmail.com
Wild Wonder Adopt	Home About Adoption Contact Contact Us Full name	rohan@gmail.com
Wild Wonder Adopt	Home About Adoption Contact Contact Us Full name	rohan@gmail.com
Wild Wonder Adopt	Home About Adoption Contact Contact Us Full name Email	rohan@gmail.com
Wild Wonder Adopt	Home About Adoption Contact Contact Us Full name Email Message	rohan@gmail.com
Wild Wonder Adopt	Home About Adoption Contact Full name	rohan@gmail.com
Wild Wonder Adopt	Home About Adoption Contact Full name	rohan@gmail.com
Wild Wonder Adopt	Home About Adoption Contact Full name	rohan@gmail.com
Wild Wonder Adopt	Home About Adoption Contact Full name	rohan@gmail.com
Wild Wonder Adopt	Home About Adoption Contact	rohan@gmail.com

Fig 5.6 contact Page

VI. CONCLUSION AND FUTURE WORK

The conclusion highlights the platform's success in making wildlife conservation more accessible and engaging. WildWondersAdopt addresses the limitations of traditional offline adoption processes by offering a secure, user-friendly, and flexible online system. The platform fosters community engagement, promotes financial accessibility, and ensures sustainable support for wildlife conservation. Future plans include expanding adoption options, enhancing community engagement features, developing a mobile app, implementing advanced analytics for impact measurement, and extending global outreach. These developments aim to further increase the platform's impact on wildlife conservation and engage an even broader audience in the mission to protect and preserve wildlife

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REFERENCES

- 1. "Learning React: A Hands-On Guide to Building Web Applications Using React and Redux" by Kirupa Chinnathambi, Addison-Wesley Professional, 2020.
- 2. "Firebase Essentials Web Edition: Get to Know Firebase Realtime Database and Firebase Authentication" by Neil Smyth, CreateSpace Independent Publishing Platform, 2017.
- Suresh Kallam, M K Jayanthi Kannan, B. R. M., (2024). A Novel Authentication Mechanism with Efficient Math Based Approach. International Journal of Intelligent Systems and Applications in Engineering, 12(3), 2500– 2510. Retrieved from https://ijisae.org/index.php/IJISAE/article/view/5722
- 4. Balajee RM, Jayanthi Kannan MK, Murali Mohan V. Image-Based Authentication Security Improvement by Randomized Selection Approach. InInventive Computation and Information Technologies 2022 (pp. 61-71). Springer, Singapore.
- 5. Andersen, E. S. (2008). Rethinking project management An organizational perspective. Harlow, Essex: Prentice Hall.
- Balajee, R.M., Jayanthi Kannan, M.K., Murali Mohan, V. (2022). Web Design Focusing on Users Viewing Experience with Respect to Static and Dynamic Nature of Web Sites. In: Smys, S., Balas, V.E., Palanisamy, R. (eds) Inventive Computation and Information Technologies. Lecture Notes in Networks and Systems, vol 336. Springer, Singapore.
- M. K. J. Kannan, "A bird's eye view of Cyber Crimes and Free and Open Source Software's to Detoxify Cyber Crime Attacks - an End User Perspective," 2017 2nd International Conference on Anti-Cyber Crimes (ICACC), Abha, Saudi Arabia, 2017, pp. 232-237, doi: 10.1109/Anti-Cybercrime.2017.7905297.
- 8. https://tailwindui.com/components
- 9. https://www.geeksforgeeks.org/reactjs-components-complete-reference/?ref=shm



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