

# e-Upkruti-A Novel App to Attend Social Problems

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**Abstract:** Due to the fast moving technical world all are busy in our routine life, without getting the time to pay heed on the social problems occurring in the society. These problems remain unaddressed by the public because of the lack of time coordination and lack of moral untechnical support. Hence our project aims at creating a platform for solving these issues. By taking the help of relevant departments and social workers into picture for help. This project aims at capturing the real-time photos of social problems and sending it to the relevant sectors to solve in the stipulated time. In an era of dynamic and innovative solutions, its designed to revolutionize the way social work is administered, executed, and experienced. This project addresses this demand by creating a seamless ecosystem that caters to the unique requirements of three distinct user groups: Administrators, Social Workers, and Users. For Administrators, the system provides a robust suite of tools that enables them to not only log in and oversee social work activities, but also to verify and manage user complaints. This Social Work Management System represents a significant step in optimizing the social work process, promoting collaboration, and ultimately improving the lives, who rely on social services

**Keywords:** Mobile application, Android

## I. INTRODUCTION

Social apps are applications designed to facilitate social interaction, communication, and networking among users. These apps enable people to connect with friends, family, and other individuals around the world through various means such as messaging, sharing photos and videos, participating in online communities, and taking part in the social activities. They play a significant role in modern society by helping people stay connected, share experiences, and build relationships in virtual spaces. Social apps are also used to spread the awareness about the social problems that are being unattended by the society. Social apps are required for several reasons: Communication social apps provide convenient and instant communication channels. They allow people to connect with friends, family, and colleagues regardless of geographical distance. With features like messaging, voice calls, and video calls, these apps enable real-time interaction, fostering better relationships. Networking social apps serve as platforms for networking and professional connections. Users can connect with like-minded individuals, professionals in their field, or potential collaborators, which can lead to career opportunities, knowledge exchange, and business partnerships. Information sharing social apps facilitate the sharing of information, news, and updates. Users can share their thoughts, experiences, photos, videos, and links with their social circles, keeping everyone informed and engaged. Community building social apps enable the formation of online communities based on shared interests, hobbies, beliefs, or identities. These communities provide a space for individuals to connect with others who have similar passions, participate in discussions, seek advice, and offer support. Social apps help users stay updated on the lives of their friends, family, and favorite personalities. Through status updates, stories, and feeds, users can see what others are up to and stay connected with important events and milestones in their social circles. Social apps hold significant importance in today's society for several reasons: Connectivity social apps bridge geographical gaps, allowing people to stay connected regardless of distance. They enable individuals to maintain relationships with friends, family, and acquaintances across the globe, fostering a sense of belonging and reducing feelings of isolation. Communication these apps provide convenient and efficient communication channels. Users can exchange messages, make voice and video calls, and share multimedia content in real-time, facilitating swift and effective communication. Community Building social apps facilitate the

formation of online communities based on shared interests, beliefs, or identities. These communities provide a platform for like-minded individuals to connect, interact, and support each other, fostering a sense of camaraderie and belonging. Information Sharing social apps serve as platforms for sharing information, news, and updates. Users can disseminate important announcements, share their thoughts and experiences, and engage in discussions on various topics, contributing to the exchange of ideas and knowledge. Professional Networking many social apps are utilized for professional networking purposes. Professionals can connect with colleagues, mentors, and potential employers, expanding their professional network and accessing career opportunities. Social Awareness and Activism social apps serve as platforms for raising social awareness and promoting activism. Users can amplify important social causes, mobilize support for charitable initiatives, and advocate for change, leveraging the power of social media to drive meaningful impact. Social apps can offer various benefits for addressing social problems: Increased Awareness social apps can raise awareness about social issues by providing platforms for discussions, sharing news, and educating users. This awareness can lead to increased empathy and understanding among users. Community Building these apps facilitate the formation of online communities centered around specific social problems. These communities offer support, solidarity, and a sense of belonging to individuals affected by the issues. Amplified Voices social apps provide a platform for marginalized groups and individuals to amplify their voices and share their experiences. This can lead to greater representation and recognition of their needs and perspectives. Crowdsourced Solutions social apps can harness the collective intelligence of their users to crowdsource solutions to social problems. Users can collaborate, share ideas, and contribute resources to address issues in innovative ways. Resource Mobilization social apps can help mobilize resources such as donations, volunteers, and expertise to support initiatives aimed at tackling social problems. These platforms make it easier for individuals and organizations to connect and contribute to causes they care about. Advocacy and Activism social apps empower users to engage in advocacy and activism efforts by providing tools for organizing campaigns, petitioning for change, and raising public awareness. This can lead to meaningful societal change and policy reform. Data Collection and Analysis social apps can collect valuable data on social problems, including trends, demographics, and impact assessments. This data can inform evidence-based decision-making and policy formulation to address the root causes of issues more effectively. Education and Training social apps can offer educational resources and training programs to empower individuals with the knowledge and skills needed to address social problems. This can include courses on activism, diversity, inclusion, and social justice.

## II. LITERATURE SURVEY

In our project we are dealing with many social problems such as waste collection, recycling things, water problems & mosquito problems. the delated explanation about the social problems is given in the below description.

**Waste Collection:** Scheduled Pickup Services, municipalities or waste management companies often organize scheduled waste collection services for residential and commercial areas. Residents or businesses receive a regular pickup schedule for different types of waste (e.g., household garbage, recyclables, green waste). They can put their waste out for collection on designated days according to the schedule. Manual Coordination in some areas, waste collection is coordinated manually through phone calls, emails, or in-person requests. Residents or businesses may contact the waste management department or local authorities to arrange for waste pickup or report any issues related to waste management. Community Programs community-based waste collection programs involve volunteers or community organizations organizing cleanup events or periodic waste collection drives. These initiatives often rely on grassroots efforts to raise awareness about waste management and mobilize community members to participate in cleanup activities. Drop-off Centers in addition to scheduled pickup services, municipalities may provide drop-off centers or recycling facilities where residents can bring their waste directly. These centers accept various types of waste, including household garbage, recyclables, electronic waste, and hazardous materials, and are typically open during specified hours. Education and Outreach waste management initiatives often include educational campaigns and outreach efforts to promote responsible waste disposal practices. This may involve distributing informational materials, conducting workshops or seminars, and engaging with the community to raise awareness about waste reduction, recycling, and proper disposal methods. In the proposed method we are capturing the snapshots and are being uploaded in our application. As all the interested students and social workers are taking part in our application, it makes it easy to

solve the social problems that are unattended in the society. Whereas the existing methods follow the traditional ways that might result in the delayed solution to the problems.

**Recycling Waste:** Separate Waste at Home have designated bins or containers for different types of recyclables like paper, plastic, glass, and metal. Sort your waste accordingly before disposal. Educate Yourself, learn about what can and cannot be recycled in your area. This information is often available on your local waste management website or through pamphlets distributed by your municipality. Community Recycling Programs many communities have recycling drop-off centers or curbside pickup services. Take advantage of these programs to dispose of your recyclables responsibly. Reuse Items before throwing something away, consider if it can be reused or repurposed. For example, glass jars can be used for storage, and old clothes can be turned into rags or donated. Composting if you have a garden, consider composting organic waste like fruit and vegetable scraps. This reduces the amount of waste sent to landfills and creates nutrient-rich soil for your plants. Support Recycling Initiatives participate in local clean-up events or community recycling drives. These initiatives often accept a wide range of materials for recycling. Spread Awareness encourage friends, family, and neighbors to recycle by explaining its importance and sharing tips on how to do it effectively. Purchase Recycled Products support companies that use recycled materials in their products. By creating demand for recycled goods, you contribute to the recycling loop. In the proposed method we are capturing the snapshots and are being uploaded in our application. As all the interested students and social workers are taking part in our application, it makes it easy to solve the social problems that are unattended in the society. Whereas the existing methods follow the traditional ways that might result in the delayed solution to the problems.

**Sanitation Problem:** Eliminate Standing Water, mosquitoes breed in standing water, so make sure there's no stagnant water around your home. Regularly empty and clean out containers like flower pots, buckets, and bird baths where water can accumulate. Use Mosquito Repellents apply insect repellent containing DEET, picaridin, or oil of lemon eucalyptus to exposed skin when outdoors. You can also use clothing treated with permethrin for added protection. Install Screens make sure all windows and doors have screens to prevent mosquitoes from entering your home. Use Mosquito Nets if you're sleeping outdoors or in an area with a lot of mosquitoes, use a mosquito net over your bed to keep them away while you sleep. Plant Mosquito-Repelling Plants certain plants like citronella, lavender, marigolds, and basil are known to repel mosquitoes. Plant them around your home or in pots on your patio to help deter mosquitoes. Use Fans mosquitoes are not strong flyers, so using fans outdoors can help create a breeze that makes it difficult for them to fly close to you. Clean Up Your Yard keeps your yard well-maintained by mowing the grass regularly and trimming bushes and shrubs. Remove any debris or clutter where mosquitoes can hide. Avoid Peak Mosquito Hours mosquitoes are most active during dawn and dusk, so try to limit outdoor activities during these times if possible. Encourage Natural Predators introduce natural predators of mosquitoes into your environment, such as bats, dragonflies, and certain species of fish in ponds or water features. Consider Mosquito Traps there are various types of mosquito traps available on the market that use different methods to attract and capture mosquitoes. Research and consider whether one of these devices might be suitable for your situation. In the proposed method we are capturing the snapshots and are being uploaded in our application. As all the interested students and social workers are taking part in our application, it makes it easy to solve the social problems that are unattended in the society. Whereas the existing methods follow the traditional ways that might result in the delayed solution to the problems.

**Water problems:** Water Conservation conserve water by fixing leaks promptly, using water-efficient appliances, taking shorter showers, and turning off the tap when brushing teeth or washing dishes. Rainwater Harvesting install rain barrels or cisterns to collect rainwater from your roof. This harvested water can be used for non-potable purposes such as watering plants, cleaning, or flushing toilets. Drought-Tolerant Landscaping opt for drought-tolerant plants in your garden that require less water. Mulch around plants to retain soil moisture and reduce water evaporation. Greywater Recycling reuse greywater from activities like laundry, dishwashing, or bathing for irrigation purposes. Install a greywater recycling system to divert and treat greywater for safe reuse in landscaping. Fix Drainage Issues address any drainage problems around your property to prevent water accumulation and potential flooding. Ensure gutters and downspouts are clear of debris and direct water away from foundations. Water Filtration and Purification if your water

supply has quality issues, consider installing water filtration or purification systems to improve its quality. These systems can remove impurities, contaminants, or odors from your water. Water Softening install a water softener if you have hard water problems.

### III. METHODOLOGY

In our project we are attending all the different types of social problems like waste collection, mosquito problems, recycling things and water problem are been solved using the following methodology:

Step 1: The interested students, social workers, NGO's, the users and the relevant departments are getting registered through our app.

Step 2: In our app the Jiotag gets initiated and the snapshots are uploaded in the cloud and the photos are being sent to relevant department

Ex: Issues regarding water problem will be sent to the concerned department.

Step 3: The deadline time will be given to each social problem. And the interested people can come take up the issues and solve it in the confined time limit.

Ex: waste collection will be given with a time of half an hour to one hour.

Step 4: Follow up module hear the people who are attending the problems will get an acknowledgement and update when the problem will be solved.

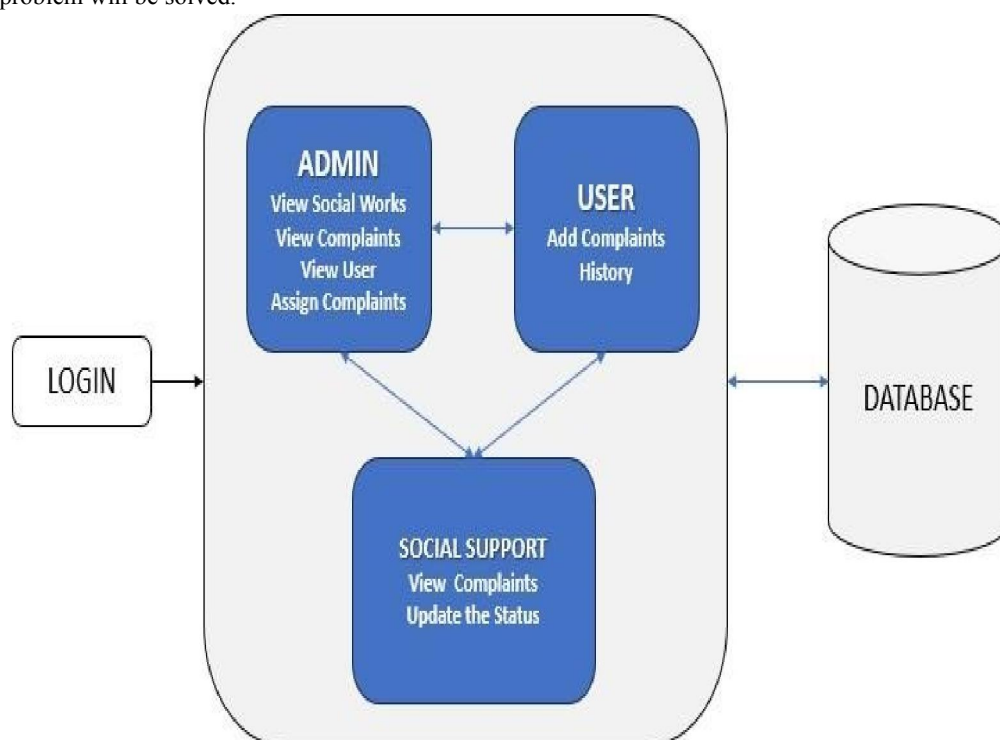


Fig: System Architecture

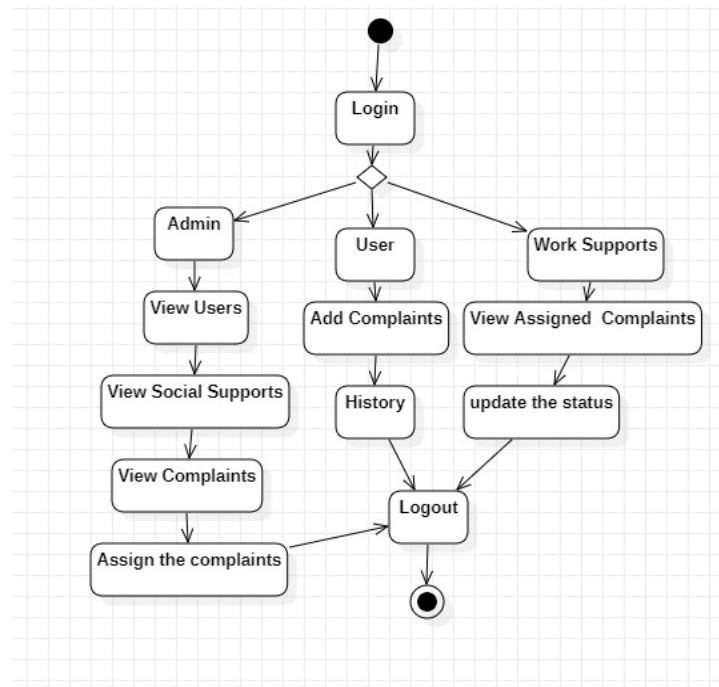


Fig: Detailed working of the Application

#### IV. EXPERIMENTAL RESULTS

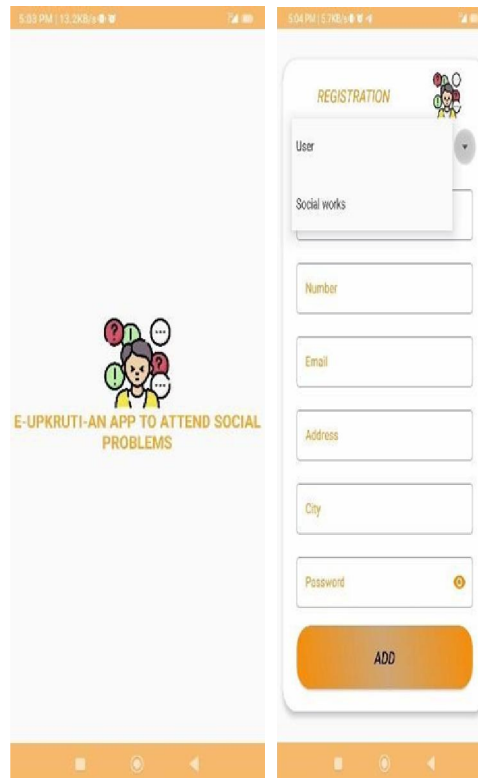


FIG: Logo of the App

FIG: Login page for user



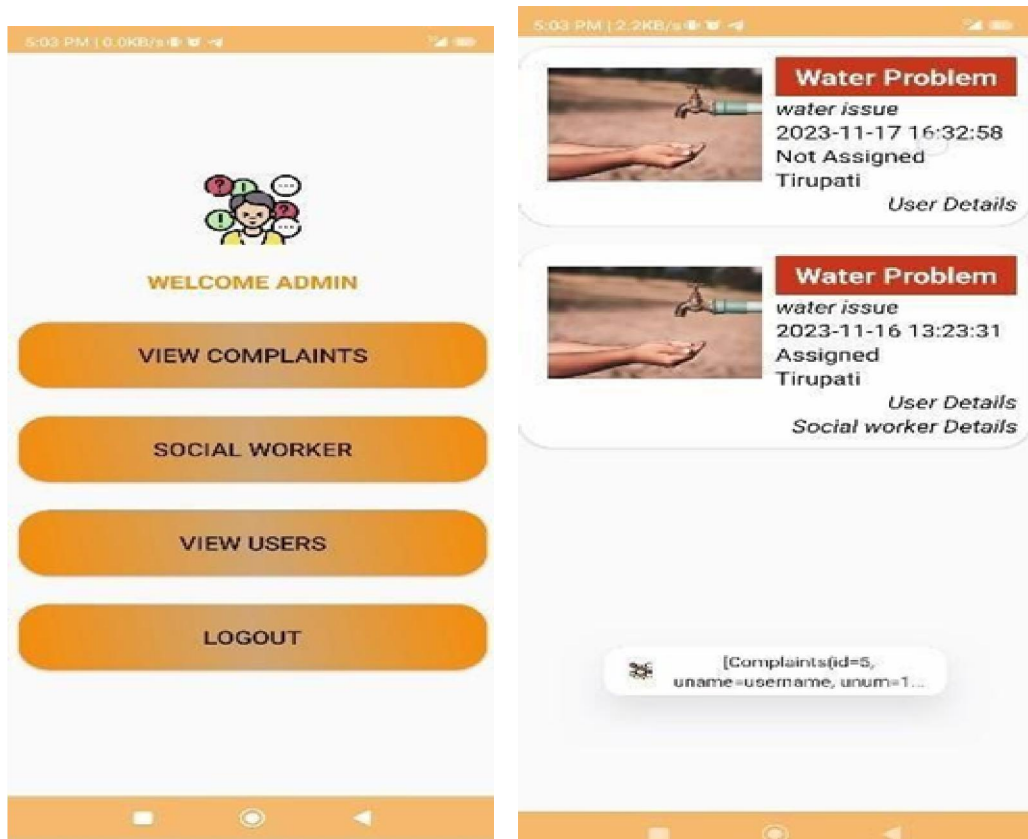


FIG: Login page for Admin

FIG: Page to view the complaints.

## V. CONCLUSION

Our application e-Upkruti: An App to Attend Social Problems, an innovative service designed to attend the social problems that are remained in unattended in the society. Through our services, we make it easy for the people who want to register for the social works but are unaware about the problems. e-Upkruti: An App to Attend Social Problems makes it easy for the social workers and the interested students who are willing to help in social works, with easy registration and will be able to view the complaints. We are committed to provide solutions to all the unattended problems. we strive to ensure that our application is reliable, efficient and tailored to meet the needs of the society. e-Upkruti: An App to Social Problems, we strive to make our application easy to use.

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