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**UnityGen**

**An Engineering Project in Community Service**

**Phase – I Report**

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***in partial fulfilment of the requirements for the degree of***

***Bachelor of Engineering and Technology***

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**VIT Bhopal University**

**Bhopal**

**Madhya Pradesh**

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**December, 2023**

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**Bonafide Certificate**

Certified that this project report titled **“UnityGen”** is the bonafide work of “21BCY10071 Pranjali Shrivastava, 21BCY10077 Soumya Naidu, 21BCE11563 Aaridhi Vishwakarma, 21BAI10361 Ketan Sharma, 21BHI10070 Eshita Khare, 21BSA10036 R.Mallika, 21BSA10021 Ayush Verma, 21BSA10160 Priyanshi Juneja**”** who carried out the project work under my supervision.

This project report (Phase I) is submitted for the Project Viva-Voce examination held on …………..

**Supervisor**

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# INTRODUCTION

In contemporary society, there exists a common misconception that often conflates intersex individuals with transgender persons. It is crucial to recognize the distinctive nature of these identities. Intersex individuals embody a spectrum wherein their genitals, chromosomes, or reproductive organs do not conform to the conventional male/female sex binary. This incongruence may manifest as a mismatch between genitals and reproductive organs or the presence of both male and female traits. Regrettably, in certain societies, such as in India, individuals in the intersex community are sometimes derogatorily labeled as "chakke" or "hijre."

In contrast, transgender individuals navigate a different experience, where their gender identity deviates from the societal expectations associated with the sex assigned to them at birth. For example, a person assigned male at birth may identify and transition to a female gender identity.

It is crucial to note that individuals who undergo gender transitions (transgender individuals) are an integral part of the broader intersex community. Unfortunately, in India, many in the intersex community find themselves relegated to societal roles like begging or performing at events to sustain their livelihoods. This marginalized existence underscores the urgent need for a paradigm shift – one that focuses on providing education, job opportunities, and a platform for support.

With this imperative in mind, our proposed initiative envisions the creation of a dedicated app and website tailored to the unique needs of these individuals. This platform aims to empower them through education, facilitate job opportunities, and offer a channel for compassionate individuals to contribute towards the educational advancement of this community. By fostering awareness and understanding, we endeavor to break down societal barriers and pave the way for a more inclusive and supportive future.

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## 1.1 Motivation

The motivation behind a project centered on the discrimination against intersex inferiority and unawareness, typically stems from a desire to address inequalities, promote social justice, amplify voices that are often marginalized, foster inclusivity, and create a safer, more supportive environment. It focus on working towards a more equitable society where everyone can thrive regardless of their gender identity.

## Objective

The main objective of a project is to fill the gap between transgender and the world .

Focusing on the transgender community could be multifaceted, aiming to promote inclusivity, raise awareness about their challenges, advocate for equal rights, provide support services, foster understanding, and create a more accepting society. The specific goal may vary based on the project's scope, whether it's educational, advocacy-driven, or aimed at providing tangible support.

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# Existing Work / Literature Review

Treat me like a person—not an anomaly

Challenges in Intersex community: Seeking Understanding and Respect

Fundamentally, it starts with respect—being heard, understood, and taken seriously.

Educational Blogs

These focus on providing information about intersex and transgender identities, terminology, legal rights, medical aspects, and societal challenges. They aim to educate readers who may not be familiar with these communities.

Personal Stories and Experiences

Many blogs feature personal narratives of individuals within the intersex or transgender community. These stories often share experiences of coming out, navigating societal perceptions, and addressing discrimination. They can help humanize the experiences and challenges faced by these communities.

Activism and Advocacy

Some blogs serve as platforms for activism, discussing current issues, advocating for policy changes, and promoting equality and acceptance. They might highlight social campaigns, petitions, or community initiatives.

Health and Well-being

Blogs might focus on health-related topics specific to the intersex or transgender community, discussing healthcare access, mental health, hormone therapy, surgeries, and overall well-being.

Resources and Support

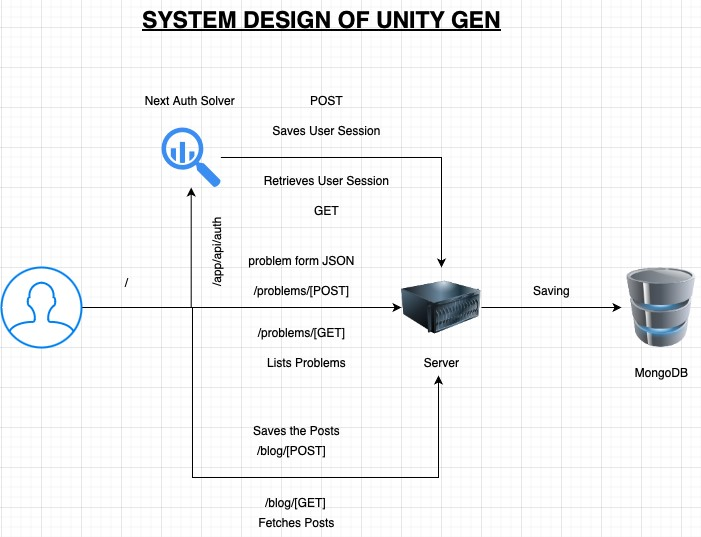
These blogs compile resources, support networks, and information about organizations that provide assistance, guidance, or advocacy for the intersex or transgender communities.

These blogs serve as important resources for individuals seeking information, support, or wanting to learn more about the lived experiences and challenges faced by the intersex or transgender communities. They contribute significantly to raising awareness, promoting inclusivity, and fostering understanding.

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# Topic of the work ( 1- 2 Pages)

1. System Design / Architecture



1. Working Principle

The primary working principle of this project involves three key aspects:

Identification and Addressing Issues: The project starts by identifying the problems faced by the transgender community, documenting them, and actively working towards solutions. This involves listening to their concerns, understanding their experiences, and advocating for change.

Creating Safe Platforms: By providing blogs as a medium for transgender individuals to express their thoughts and feelings, you're creating a safe space for them to share their stories and experiences. This helps in raising awareness, fostering understanding, and highlighting the challenges they encounter.

Offering Career Opportunities: Offering career opportunities is a proactive step toward empowering the transgender community. By providing avenues for employment, you're contributing to their financial independence, breaking societal barriers, and promoting inclusivity in the workforce.

1. Expected Results

Creating a dedicated mobile application and website for the intersex and transgender community can yield several expected results:

1. Increased Access to Information

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2. ⁠Community Engagement and Connection

3. ⁠Education and Awareness

4. ⁠Support and Resources

5. ⁠Advocacy and Activism

6. ⁠Feedback and Improvement

Ultimately the aim to empower, educate, support, and advocate for these communities, fostering a more inclusive and informed society.

# CONCLUSION

1. Empowerment through Education and Employment: By offering education and career opportunities, the project empowers individuals within these communities, enabling them to build skills, gain independence, and contribute positively to society.

2. ⁠Promoting Inclusivity and Freedom: Through education and exposure, the project contributes to breaking societal barriers, fostering inclusivity, and creating a more accepting environment where individuals feel free to express themselves without fear of discrimination or judgment.

3. ⁠Enhancing Social Integration: Education and career opportunities not only provide financial stability but also facilitate social integration, allowing individuals to participate more fully in societal aspects, thereby breaking down stereotypes and biases.

4. ⁠Long-term Impact: The project's impact extends beyond immediate career prospects; it sets the foundation for long-term change by creating a more equitable society where the intersex and transgender community can thrive without limitations.

In essence, the project's conclusion highlights the strides made in providing educational opportunities, fostering career growth, promoting freedom of expression, and contributing to a more inclusive and accepting society for the intersex and transgender community. Continued efforts in this direction are crucial for sustained progress and support.