



SURVEY ON WOMEN'S ISSUES IN TRANSPORTATION & SOLUTION

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Abstract

This paper examines the interior problem encountered by females in public transport services. As per current scenarios traveling safely is a very important aspect for women. Some common complaints include safety, insufficient space, poor seat conditions, obstacles to mobility inside the bus, problems with occupying dedicated women seats, and lack of female bus drivers and conductors. In addition, the service was reported to ply on the limited availability of transport vehicles for the specified routes and remain active for only particular times of period, which is the major issue to travel for the female passengers. So keeping all this in mind in this paper we are proposing to provide a possible solution to solve the problem, one of the important proposals is to develop a "MyUnicorn". The purpose of the app is to provide employment and improve the female passenger's safety for domestic various road commutations.

Keywords: Female drivers and Female users, Cab, Auto, and Bike

1. INTRODUCTION

As per the current situation public and other transportation mode is not 100% safe, which cannot guarantee a secure, safe, and comfortable travel for women passengers. The mobility-impaired groups of people in the public transportation are more challenges such as uncertainty on the arrival, inadequate seating capacities, delay in the arrival or departure, overcrowded, and unsafe by other co-passengers, are falling short of their aim of satisfying commuter demand. So the purpose of the paper is to satisfy the needs of the female job seekers as well as women passengers. Similar to the currently available user apps like Uber, Ola, Rapido, our concept is to create an application, which can provide to choose a dedicated female-operated vehicle for women passengers where we can choose only Women employees to pick and drop women in need of transportation.

2. Problems and concerns women face in the current environment

- 2.1 Lack of basic amenities: Although India has developed a lot in the infrastructure and public amenities, women traveling alone are not 100 % safe and comfortable. Being a woman, they have to compromise on every aspect, be it may be the hygiene of the public toilets, sanitary pads, or even accommodation, etc.
- 2.2 Dressing up well: No dressing freedom, challenges are faced by moral police and other social, restriction on wearing shorts, T-shirts, sleeveless, even some places where interdict to a woman does not wear jeans is a big problem. Women have to take care of their dressing while traveling in many places or else we are watched upon as a stalk. In India limited dressing freedom for women.
- 2.3 Freedom to live: once upon our Father of Nation Mahatma Gandhi said that 'India will be free when the women feel safe to walk in the streets of India at the midnight'. Women need freedom for night outings for a joyful walk, but most women try to avoid it because they just aren't ready to take the risk due to various historical instants. We miss out on the joy of nightlife without having to worry about getting into any kind of trouble. Even if women go to restaurants they need to be very careful about hidden cameras or someone trying to trick them with drinks or foods
- 2.4 Getting judged by others quickly: if something goes wrong easiest victim is a female
- 2.5 Many people judge saying that "Being a woman it's necessary for you to travel alone", many people notice us as bad women or as if we just hook-up here and there.

- 2.6 Stares & Comments: We often ask ourselves how to stop others from staring at us? Because people everywhere especially in public transport or on roads do make it a point to pass comments on woman's bodies especially when they will go alone. As a woman, we deal with it every day and even more while traveling solo. If we react to it they take it personally and bully us, if we ignore and be quiet then they enjoy it.
- 2.7 Over-friendly people: People, especially some men, become very friendly when the women are alone. In some cultures, touching while talking may be a normal gesture but some men can take it in different ways. A woman even maintain a proper distance while talking and don't touch ([hands, shoulder, hug, etc.) still some people take it otherwise and approach/follow us for their benefits
- 2.8 Unlike before no place is safe nowadays, no woman child, or women are safe in any city. To avoid any uneven circumstances and to protect every female out there with me at most, I want to do something which will be helpful for everyone.

3. The Story - How did we come up with an idea and why?

- 2.1 Our story behind this Idea is, as a woman we are personally facing transportation issues just to go to schools, college, and workplace by pick up and drop. We always have to depend on any male person in our life. Ex: father, brother, and husband. Like us, there might be a lack of women who are spending a lot of money on autos, Cabs, buses, etc. but still not able to feel comfortable in our travel.

4. The objective of this Study:

As a woman we are able to understand the problems faced by women very easily. So to overcome all these problems we are planning to introduce the application called "APP Name", where the ladies take part in all the roles like as a driver, as a traveler, etc. only ladies can take place. We are providing a transport facility on which we can trust without any fear and travel anywhere in the city.

5. The Solution - How is our idea going to solve the problem

- 5.1 If we hire Women employees to ride the app-based transport solutions, we can indirectly help the ones who are in need of employment and also help the ones whose parents do not allow them to go out alone with the fear of Men.
- 5.2 Any women can travel without depending on their parents or any men from family to their destination, they are not even alone and they are in the company of another woman as well as they are a way of the Men

6. Advantages:

- 6.1 Helpful for female students
- 6.2 Minimising harassments
- 6.3 Reducing vulnerability of rape cases
- 6.4 Transport facility on which we can trust and commute without any fear and travel anywhere in the city.
- 6.5 To avoid any uneven circumstances and to protect every female out there with me at most we want to do something which will be helpful for every female.

7. Why women drivers?

- 7.1 It aims at providing a safe traveling option for women passengers.
- 7.2 Increase in women's employment and empowerment.
- 7.3 People who are dependent on males.
- 7.4 Traveling alone is friendly.
- 7.5 Less drunk and Drive Scenes.
- 7.6 Bike rides are convenient and comfortable in high-traffic areas.

8. Is it an innovation or discovery?

- 8.1 It's an upgrading innovation with modification.
- 8.2 Modification: A cab, An Auto, A bike!
- 8.3 Woman to woman, that's all it takes."

9. SCOPE OF THE STUDY

The study is limited to Hyderabad city in the first phase, and can be expanded to other cities based on the practical.

10. RESEARCH METHODOLOGY

The research was carried out based on primary data collection. The data collection was done with the help of the Google form. The G-form circulated to the students, employees, and housewives who stayed in and around Hyderabad city. Statistical Analysis was done based on the questionnaires given below.

S.No	Questions
1	What is your profession?
2	Do you think using public transport is a reliable and safe transport choice?
3	Nowadays, is it safe for a woman to step out alone?
4	Which means of transportation do you use?
5	Would you prefer to travel with a male driver? Do you find it safe?
6	If I suggest you travel with women drivers, how would you react to this?
7	If a woman starts to drive auto/cab/bikes, would you like to support them and travel with them?

10.1 DATA ANALYSIS AND INTERPRETATION

- **If a woman starts to drive auto/cab/bikes, would you like to support them and travel with them?**

Row Labels	If a woman starts to drive auto/cab/bikes, would you like to support them and travel with them?
Maybe	9
No	1
Yes	249
Grand Total	259

INTERPRETATION

Out of 259 responses, 249 respondents are willing to support the women drivers.

- **Do you think using public transport is a reliable and safe transport choice?**

Row Labels	Do you think using public transport is a reliable and safe transport choice?
NO	102
Yes	157
Grand Total	259

INTERPRETATION

Out of 259 responses, 102 respondents feel that public transports are not a reliable and safe transport choice.

- **If I suggest you travel with women drivers, how would you react to this?**

Row Labels	If I suggest you travel with women drivers, how would you react to this?
I would love to travel	185
Grand Total	185

INTERPRETATION:

Out of 259 responses, 185 responders are willing to travel with a lady driver.

11. CONCLUSION

In the current situation everywhere and every field women play an important role. So becoming a women driver is much more feasible. Becoming a woman driver is a better option to serve women, which will be a win-win situation for both driver and passengers, any woman can join our team of Lady Drivers, it is very easy to register, and employees can even work according to their schedule and become Independent. The future “**App-MyUnicorn**” offers the best pick and drop transportation services through this app. The App-based transport solution is safe, comfortable and trusted rides are for Women by Women. This will ensure full reliability, low-cost fares, and most importantly, women passenger and driver safety and comfort is a unique selling product.

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