

# User Privacy Preferences Survey for Location-Based Services (LBS)

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Thank you for participating in this survey. The purpose of this questionnaire is to collect your preferences, concerns, and feedback regarding privacy in location-based services (LBS). The data collected will be used to evaluate and improve the Comprehensive Location Privacy Enhanced Model (CLPEM). Your responses are confidential and will be used for academic research purposes only.

## Section 1: Demographic Information

1. Age Group:

1. 18-25 years old
2. 26-40 years old
3. 41-60 years old
4. Above 60 years old

2. Gender:

5. 1. Male
6. 2. Female
7. 3. Other

3. Profession:

8. 1. Student
9. 2. Technology Industry
10. 3. Non-Technology Industry

## Section 2: Privacy Concerns

4. How concerned are you about the protection of your personal location information?

11. 1. Highly Concerned
12. 2. Moderately Concerned
13. 3. Mildly Concerned
14. 4. Not Concerned

5. Are you aware of any location privacy protection mechanisms (e.g., k-anonymization, location perturbation, differential privacy)?

15. 1. Yes

16. 2. No

### **Section 3: Feedback on LBS Usage**

6. How often do you use location-based services (LBS)?

17. 1. Daily

18. 2. Weekly

19. 3. Occasionally

20. 4. Rarely

7. How would you rate your satisfaction with the privacy measures provided by LBS?

21. 1. Very Satisfied

22. 2. Satisfied

23. 3. Neutral

24. 4. Dissatisfied

25. 5. Very Dissatisfied

### **Section 4: Personalized Privacy Settings**

8. Would you prefer a system that allows you to dynamically adjust privacy settings based on your location and activity?

26. 1. Yes

27. 2. No

9. How important is it for you to have the ability to give real-time feedback on the privacy settings of an LBS system?

28. 1. Very Important

29. 2. Important

30. 3. Neutral

31. 4. Not Important

### **Section 5: General Feedback**

10. Please provide any additional comments or suggestions regarding privacy protection in location-based services: