

## **Onscreen Dynamic Keyboard**

1. The key positions should be dynamic. Every time the key positions should be varied to change the layout of keys.
2. Assume its numeric keypad or the entire keypad with alphanumeric keys.
3. For alphanumeric keys, the keys can be grouped with some logic to make it easy for the user to input the password.

### **Motivation.**

To avoid keylogger, where the key pressed is being compromised in regular on-device keyboard.

### **Evaluation**

1. Basic dynamic numeric keypad. 60%
2. Alphanumeric keypad with a logical grouping of keys with justification backed by some analysis. 40%