

# Importance of AI in User Interfaces

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## Introduction

Artificial Intelligence is evolving rapidly and constantly being applied to many fields. However, many seem to overlook the intricate design choices implemented into a user interface such that the AI can adapt to a user specifically.

## User Interface Development

User interfaces are considered to be under the design category when it comes to software development. However, it's actually a combination of general software development, design and research. In recent years, user interfaces have been integrating AI to create a more memorable and personal experience for users to create a connection between the product and the person.

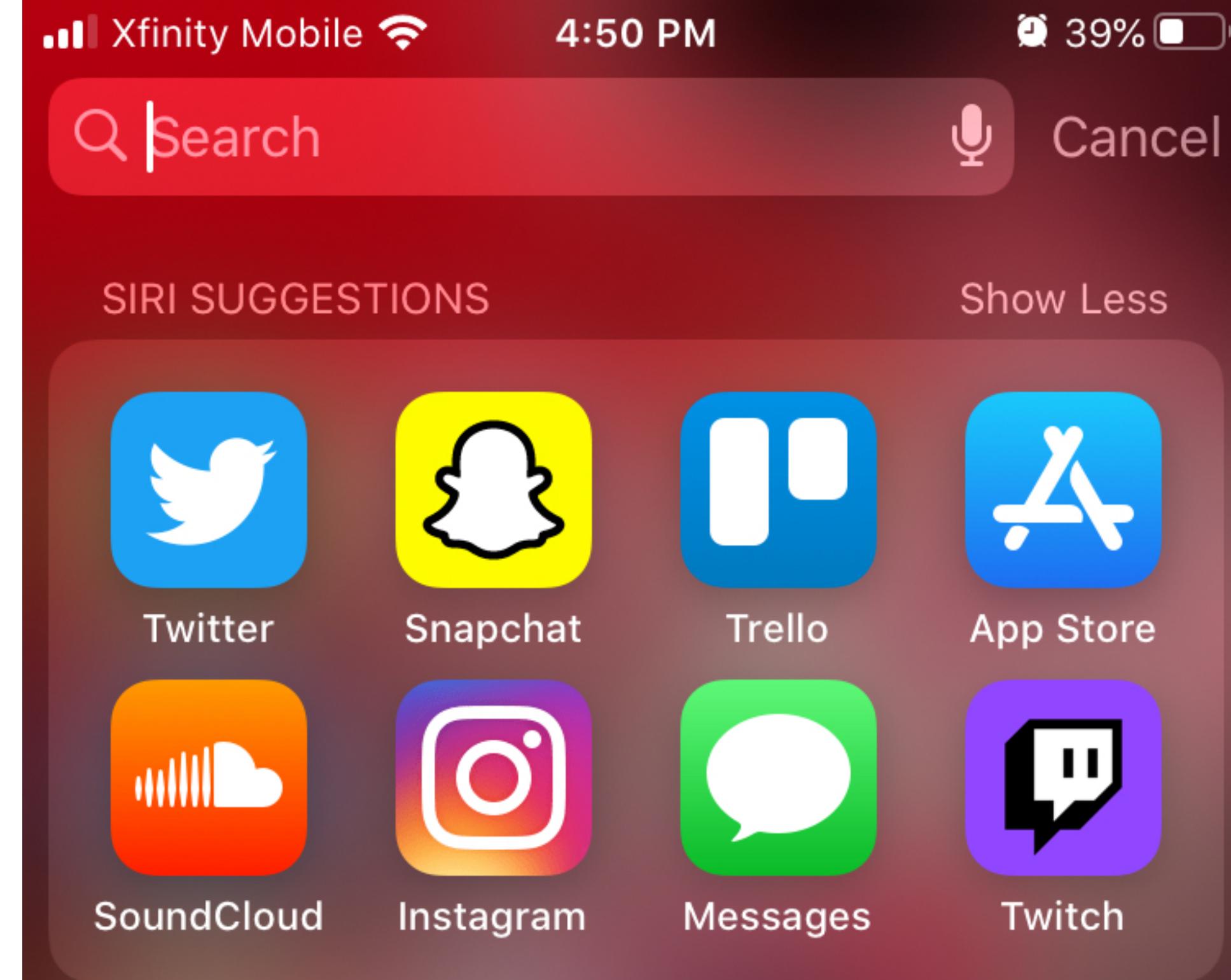
## Implementation of AI in UI

Below are some examples/an example of how AI is implemented into a user interface. While it can be simple, the factor of convenience it has definitely noticeable if it wasn't there.

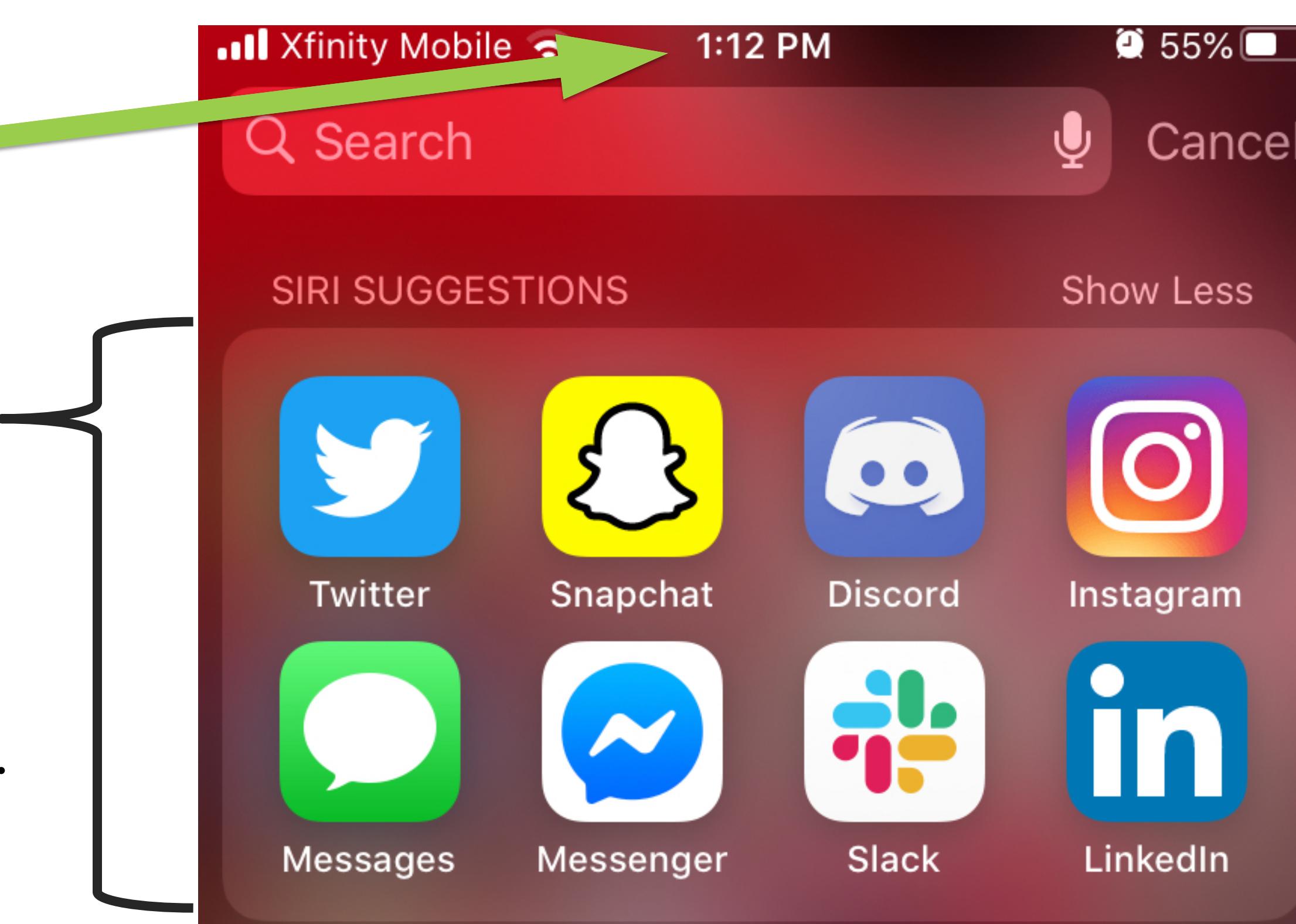
**Important Factor: Time**  
What time do you open these apps?

**Siri Suggestions: Most used Apps at that time**

Based on the time of day and how much each application is used, certain apps are suggested to the user.



iOS application suggestions change based on the time of day as well as most used apps. [2]



iOS example of suggestions using variables such as time and most commonly used apps. [1]

**Depending on the time of the day,**  
your device tracks app usage seeing which ones you use most overall and during specific times of the day, giving you suggestions that change every so often.

## Conclusions

AI is being implemented into our user interfaces to create a more convenient experience.

While these suggestions seem generic, many do not even notice that these apps are much faster to access because of the data being collected and applied using the different factors such as time of day and how much it is used during the day.

What I want to do next with this is potentially do research and understand the other aspects that are put into designing a user interface for a bigger platform such as an operating system and eventually stem into UX research.

## Literature cited

- [1] Dodd, Nikhil. iOS Screenshot 2019..png
- [2] Dodd, Nikhil. iOS Screenshot 2019..png

## Acknowledgments

None.