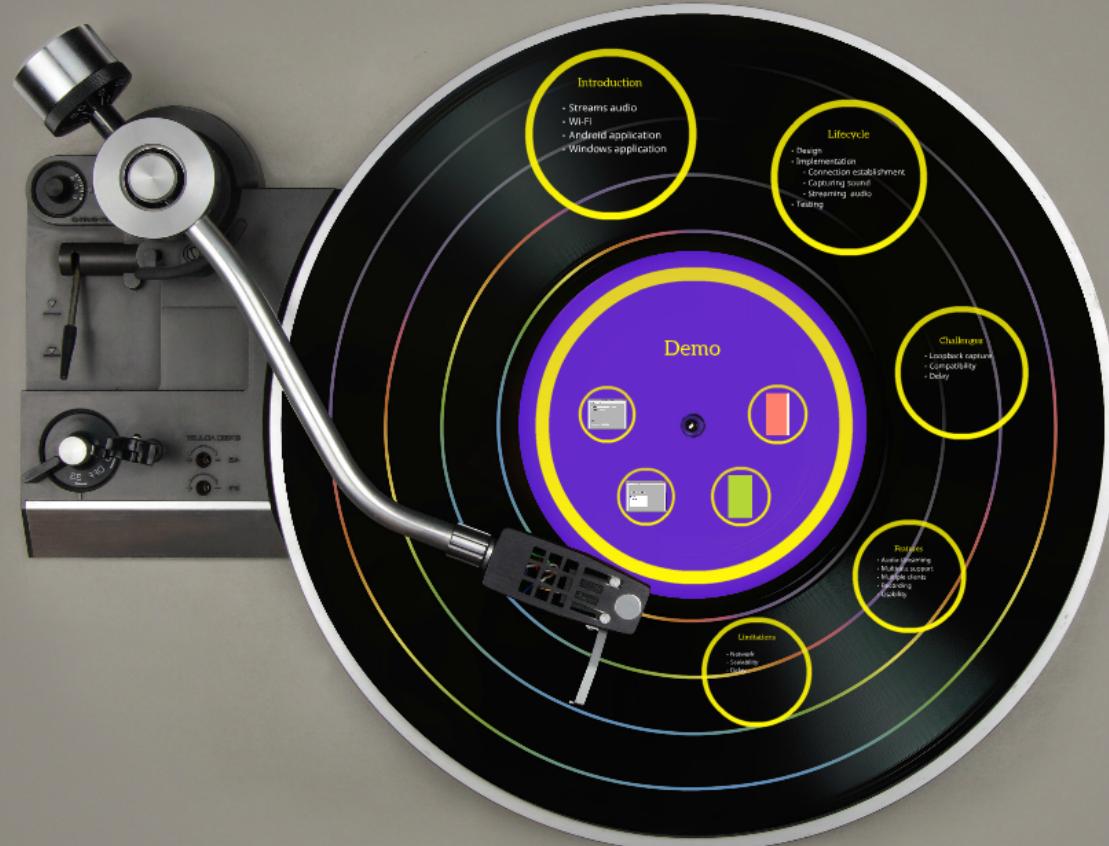


# CSE 5345

## Fundamentals of Wireless Networks

### Wireless Audio Streamer

By  
Adithya Chandrashekhar  
Sathvik Shivaprakash  
Sunil Koundinya  
Susmitha Anandrao

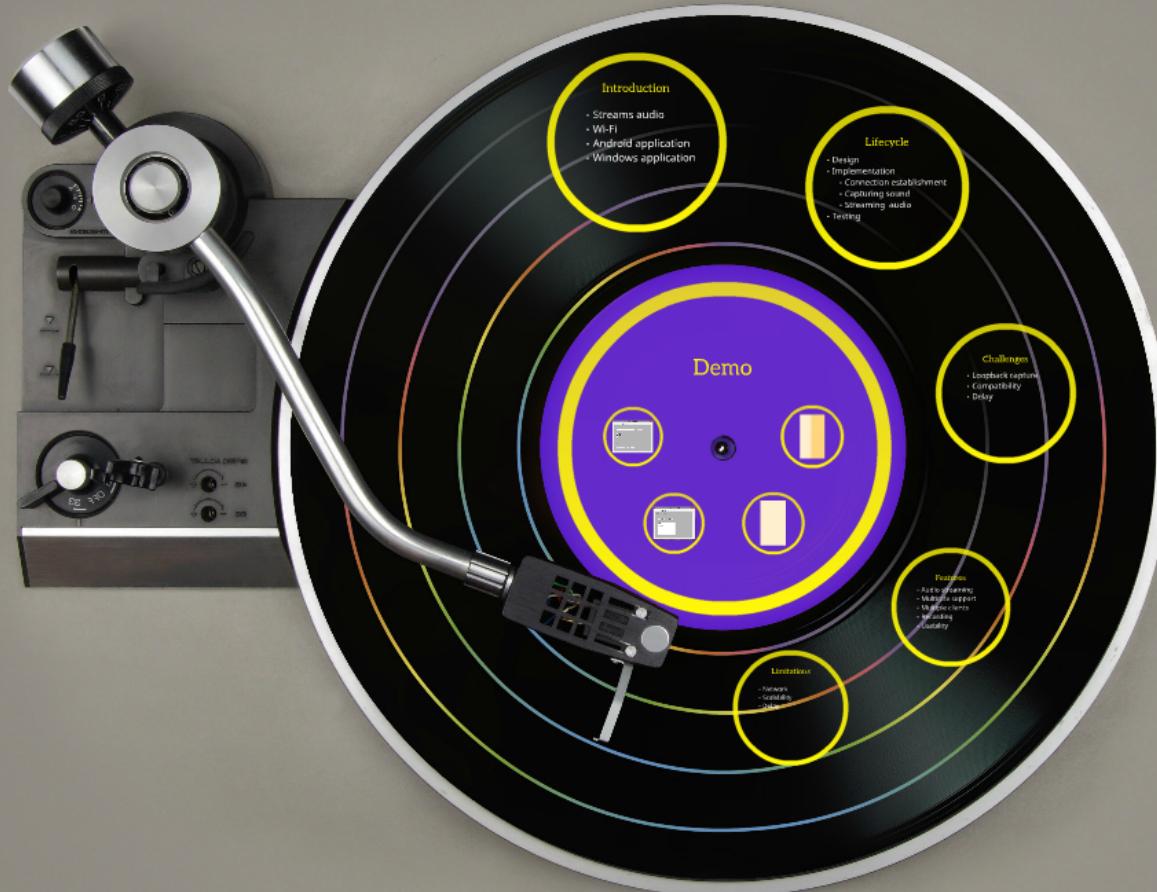


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# Introduction

- Streams audio
- Wi-Fi
- Android application
- Windows application

# Lifecycle

- Design
- Implementation
  - Connection establishment
  - Capturing sound
  - Streaming audio
- Testing

# Challenges

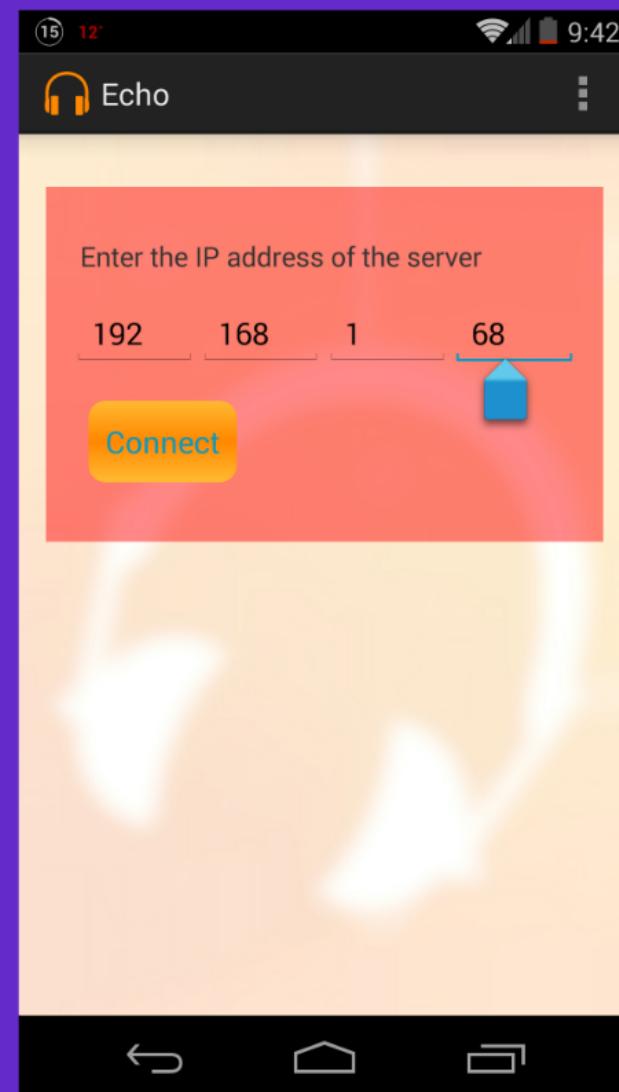
- Loopback capture
- Compatibility
- Delay

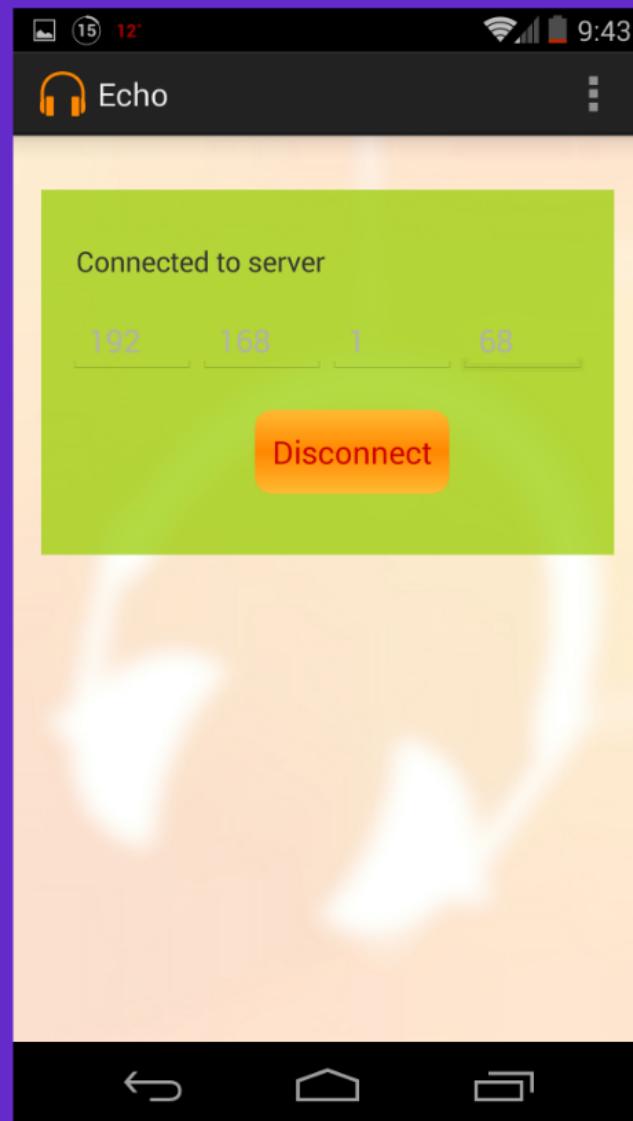
## Features

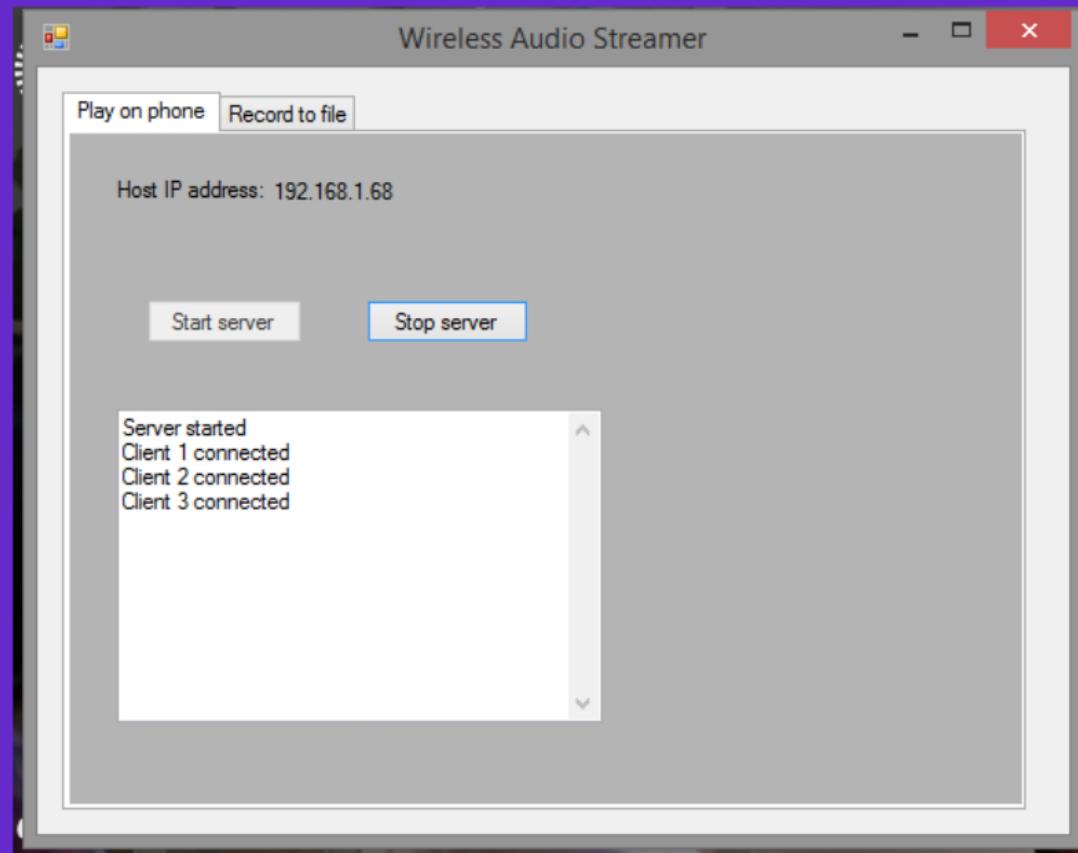
- Audio streaming
- Multirate support
- Multiple clients
- Recording
- Usability

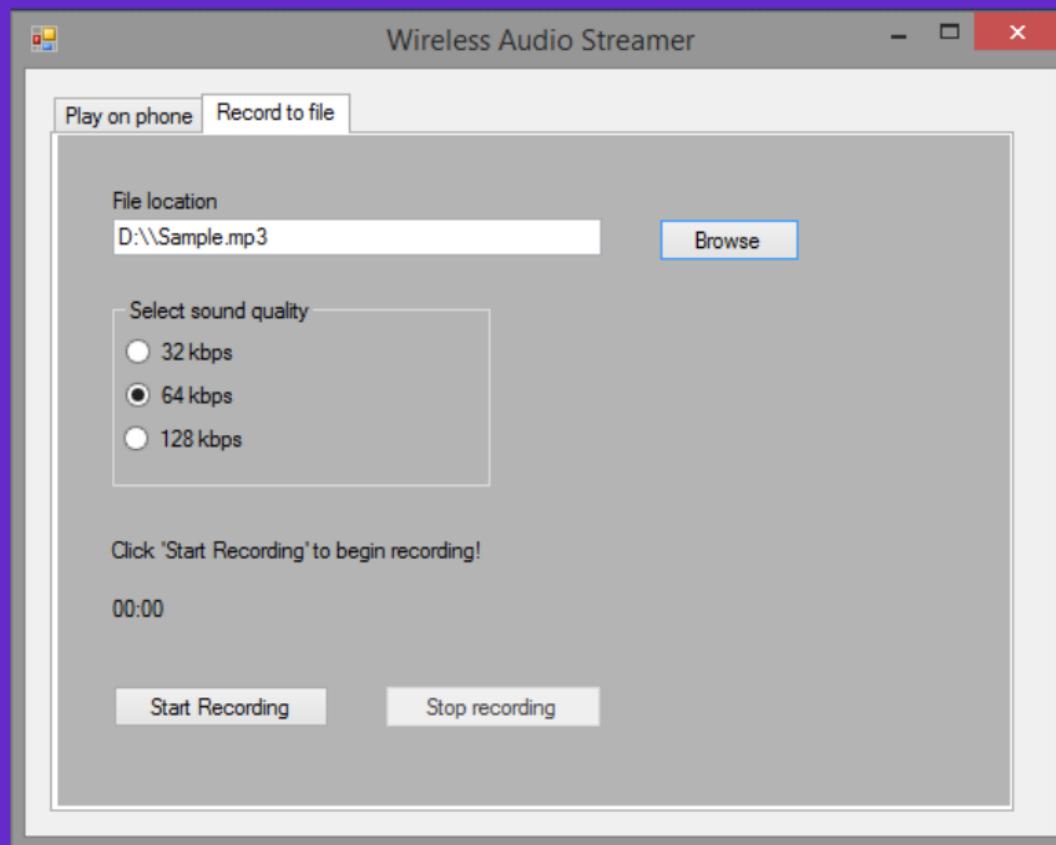
# Limitations

- Network
- Scalability
- Delay

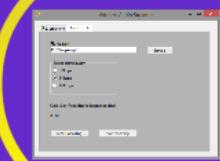








# Demo



## Features

- Audio streaming
- Multirate support
- Multiple channels
- Recording