

# Mobile Mech

Group #4: Sujana Kabir, Margaret Roche, Patrick Williams, Jonathan Hor

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Final Presentation

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# Introduction

## Mobile Mech

- What is it?
- What does it do?
- What inspired the project?
- What is unfinished?





# What is it?

## Application

- React Native
- Firebase



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Introduction - Margaret

# What does it do?

## Connect Customers with Mechanics

- Customers search for services
- Matched with local mechanics
- Converse to explain issue or services needed
- Mechanic comes out to deal with the issue





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Introduction - Margaret

# What Inspired the Project?

## Zoc Doc and Teledoc

- Services for online doctor appointments
- Doctor for my car





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# What's a WIP?

01

UI improvement

02

Messaging System

03

Payment System

04

Calendar System

05

Editing Profile Data

```
package com.ds.ucd.be.before.solr;
import ...
public final class LocationUtils {
    /* Parses Point from it's String representation.
     * locationString - String that represents location, as 2 double values split with coma. Accepts space after/before
     * commas.
     * @param locationString - String that represents location, as 2 double values split with coma.
     * @return org.springframework.data.solr.core.geo.Point instance
     */
    public static Point parseLocation(String locationString) {
        Preconditions.checkNotNull(locationString, "Location String should not be null");
        Preconditions.checkArgument(locationString.contains(","), "Location String must be split with coma");
        locationString = locationString.trim();
        if (locationString.contains(", ")) {
            locationString = locationString.replaceAll(" ", ",");
        }
        if (!locationString.contains(".")) {
            locationString = locationString.replaceAll(" ", ".");
        }
        String[] location = locationString.split(",");
        Preconditions.checkNotNull(location[0], "Location should consist at least 2 Double parameters");
        double lat = Double.parseDouble(location[0]);
        double lon = Double.parseDouble(location[1]);
        return new Point(lat, lon);
    }
}
```





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Demo - Patrick and Johnathan

# The Demo

## Patrick

- Registration/Login
- Home screen
- Functionality
- Database and storage

## Jonathan

- Search
- Messaging
- Profiles
- Data usage







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Conclusion - Sujana

# Conclusion

- What Worked?
- What didn't work?
- Future expansions
- Lessons learned
- Closing remarks



MOBILE MEC'

# Thank You!

Group #4: Sujana Kabir, Margaret Roche, Patrick Williams, Jonathan Hor

Any Questions?