

# Fedora+: Project 2

by Fedora Tech



**Team:** Team Zipfile

**Members:**

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# CRC Cards

## Blood Sugar Monitor

- |  |  |
|--|--|
| <ul style="list-style-type: none"><li>-Knows of current blood sugar of user</li><li>-Can return current sugar level of user to the Fedora System</li><li>-Knows healthy blood range</li><li>-Can push alert if detects unhealthy blood sugar range</li></ul> | <ul style="list-style-type: none"><li>-Fedora System</li></ul> |
|--|--|

## Call

- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>-Knows how to establish connection</li><li>-Knows recipient number</li><li>-Knows recipient name</li><li>-Returns and receives steady line of connectivity with smartphone class object</li></ul> | <ul style="list-style-type: none"><li>-Smartphone</li></ul> |
|---|---|

## Fedora System

- |  |   |
|--|---|
| <ul style="list-style-type: none"><li>-Knows its unique serial#</li><li>-Can establish connection to smartphone</li><li>-Can process user calls to its inherited methods from connected components</li></ul> | <ul style="list-style-type: none"><li>-Smartphone</li><li>-GPS</li><li>-Heartbeat Monitor</li><li>-Blood Sugar Monitor</li><li>-Voice Assistant</li><li>-User</li></ul> |
|--|---|

## GPS

- |   |  |
|---|--|
| <ul style="list-style-type: none"><li>-Knows current location of user</li><li>-Knows of user's current</li><li>-Can return a current location object to Fedora System</li></ul> | <ul style="list-style-type: none"><li>-Fedora System</li></ul> |
|---|--|

## Heartbeat Monitor

- |   |  |
|---|--|
| <ul style="list-style-type: none"><li>-Knows of current beat of user</li><li>-Can return the current beat of the user to the Fedora System</li><li>-Knows the healthy heart-beat range for a user</li></ul> | <ul style="list-style-type: none"><li>-Fedora System</li></ul> |
|---|--|

## Phonebook

- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>-Can return a contact and their information</li><li>-Can search for a contact</li><li>-Knows all contacts located in Smartphone</li></ul> | <ul style="list-style-type: none"><li>-Smartphone</li></ul> |
|---|---|

## Smartphone

- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>-Gives Bluetooth Connectivity to Fedora</li><li>-Knows phone number</li><li>-Knows how to pair with Fedora</li><li>-Knows network carrier</li></ul> | <ul style="list-style-type: none"><li>-Text</li><li>-Phonebook</li><li>-Phone call</li><li>-Fedora System</li></ul> |
|---|---|

## Text

- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>-Knows message contents</li><li>-Knows to numbers</li><li>-Knows to name</li><li>-Returns and receives text objects</li></ul> | <ul style="list-style-type: none"><li>-Smartphone</li></ul> |
|---|---|

### User

- Knows user name
- Knows user email
- Knows user passcode
- Provides information to Fedora System through Voice Commands
- Knows how to activate Voice assistant

- Fedora System
- Voice Command

### Voice Assistant

- Knows keyphrase trigger to be activated by user
- Can process user's verbal input into action functions sent to Fedora System

- Fedora System

### Voice Command

- Knows the contents of user command
- Verifies command received is valid

- User

# Title

**Title**