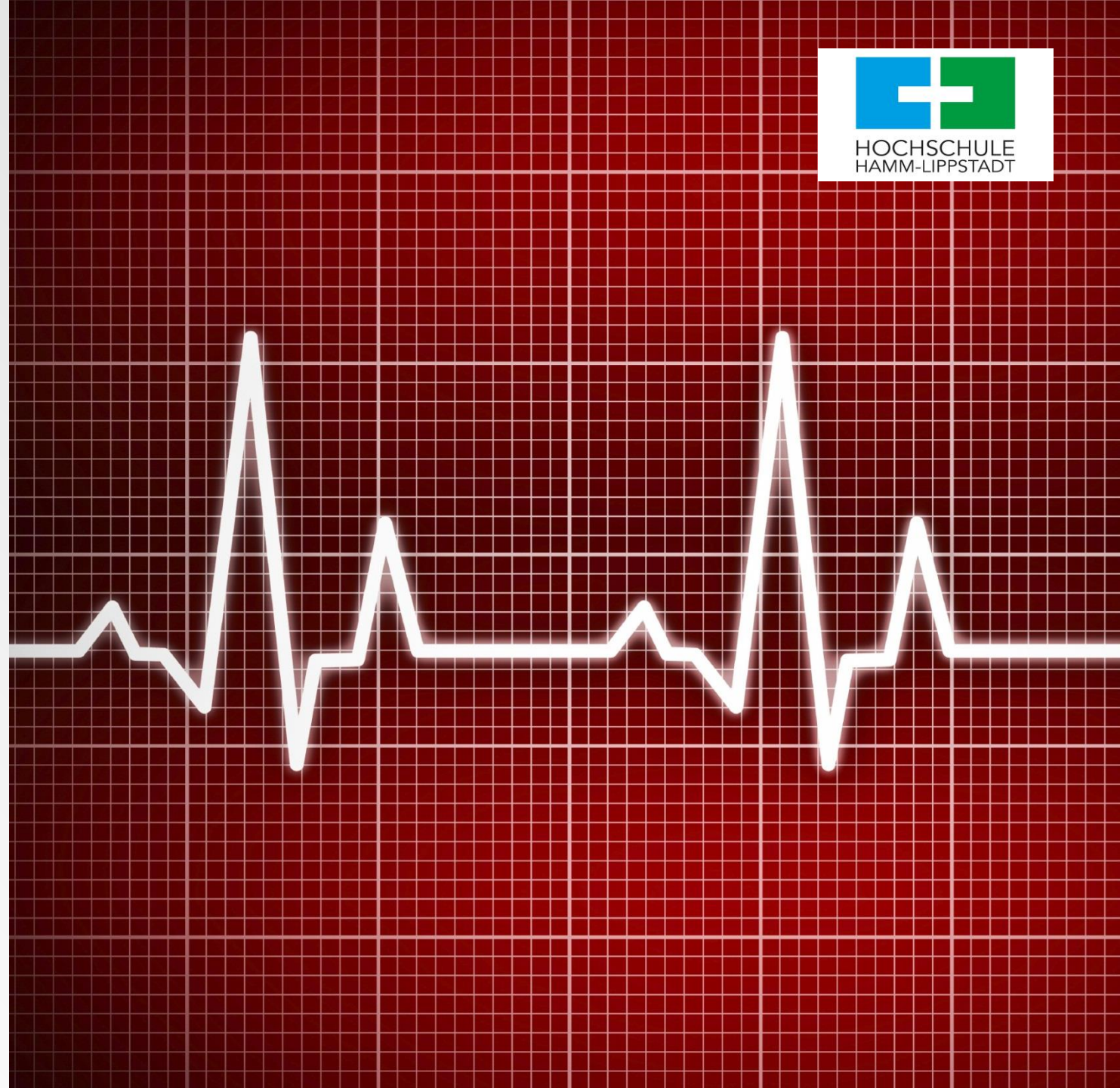# Intelligent wirelessly powered pacemaker

BY JAOUAHER BELGACEM
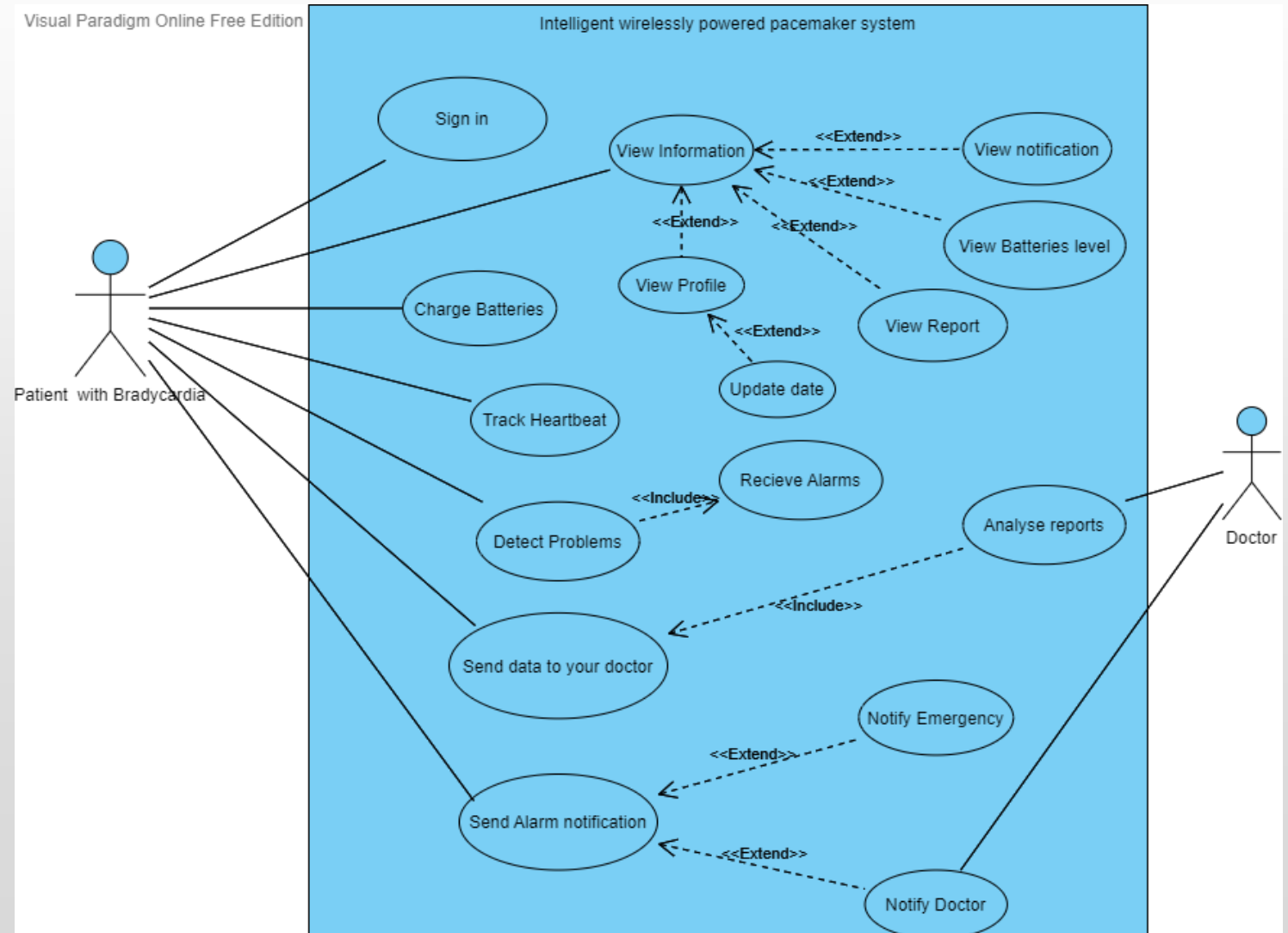
Problematic

- **What is a pacemaker?**

- **What are the main problems of the traditional pacemaker?**

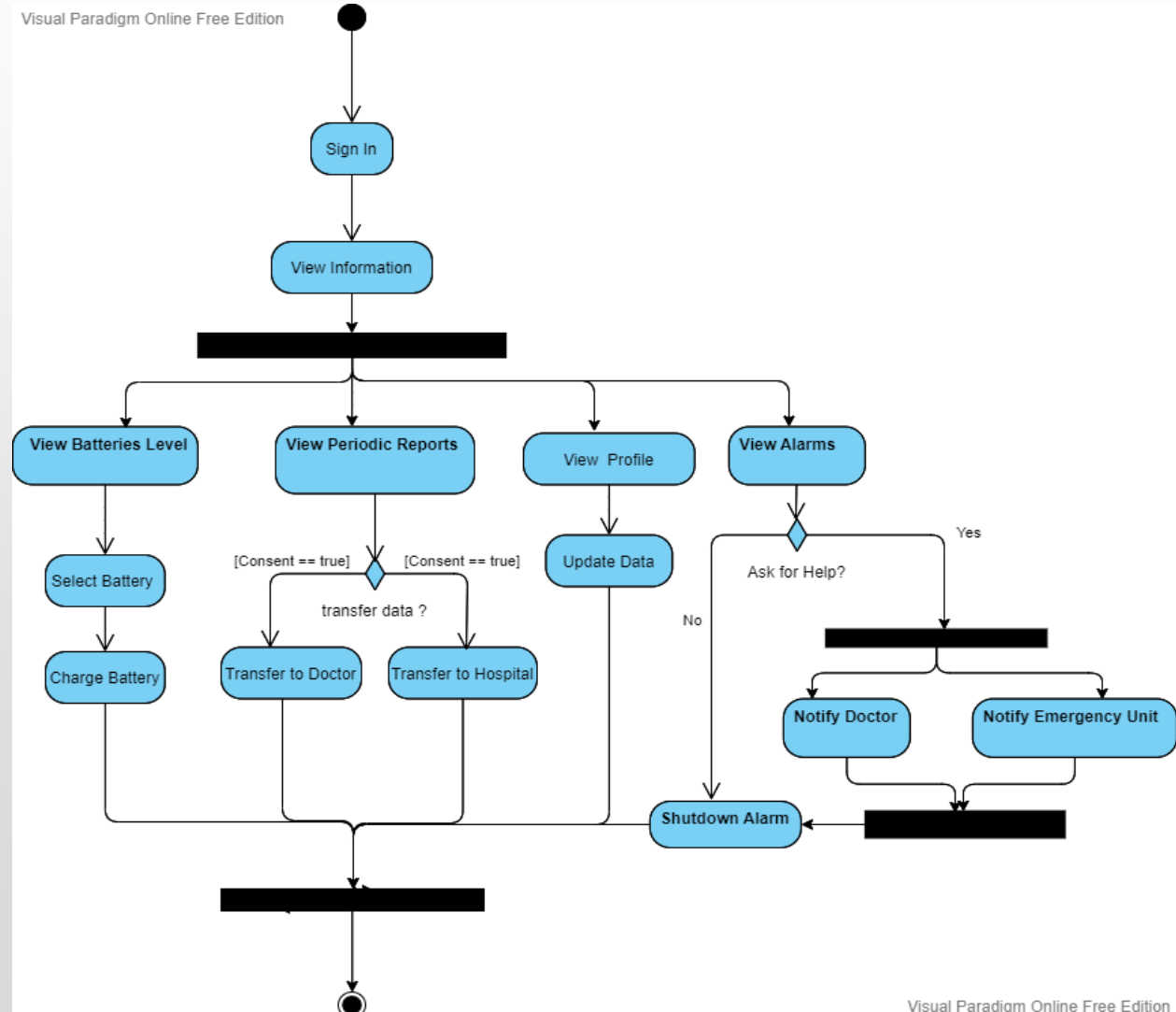- **How can we solve these problems?**

- **What our concept is about?**
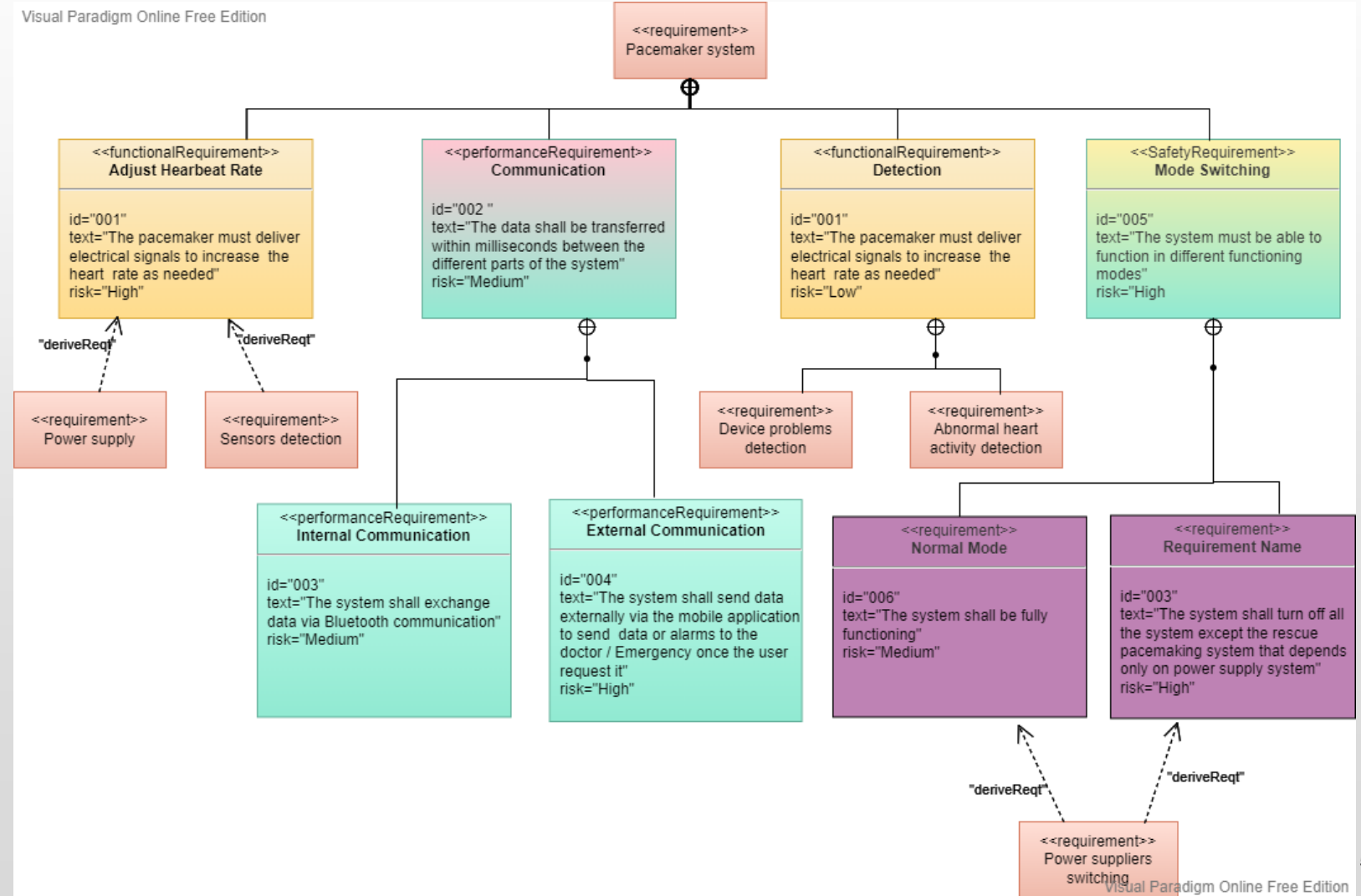
Software Models

- Use Case Diagram:

Software Models
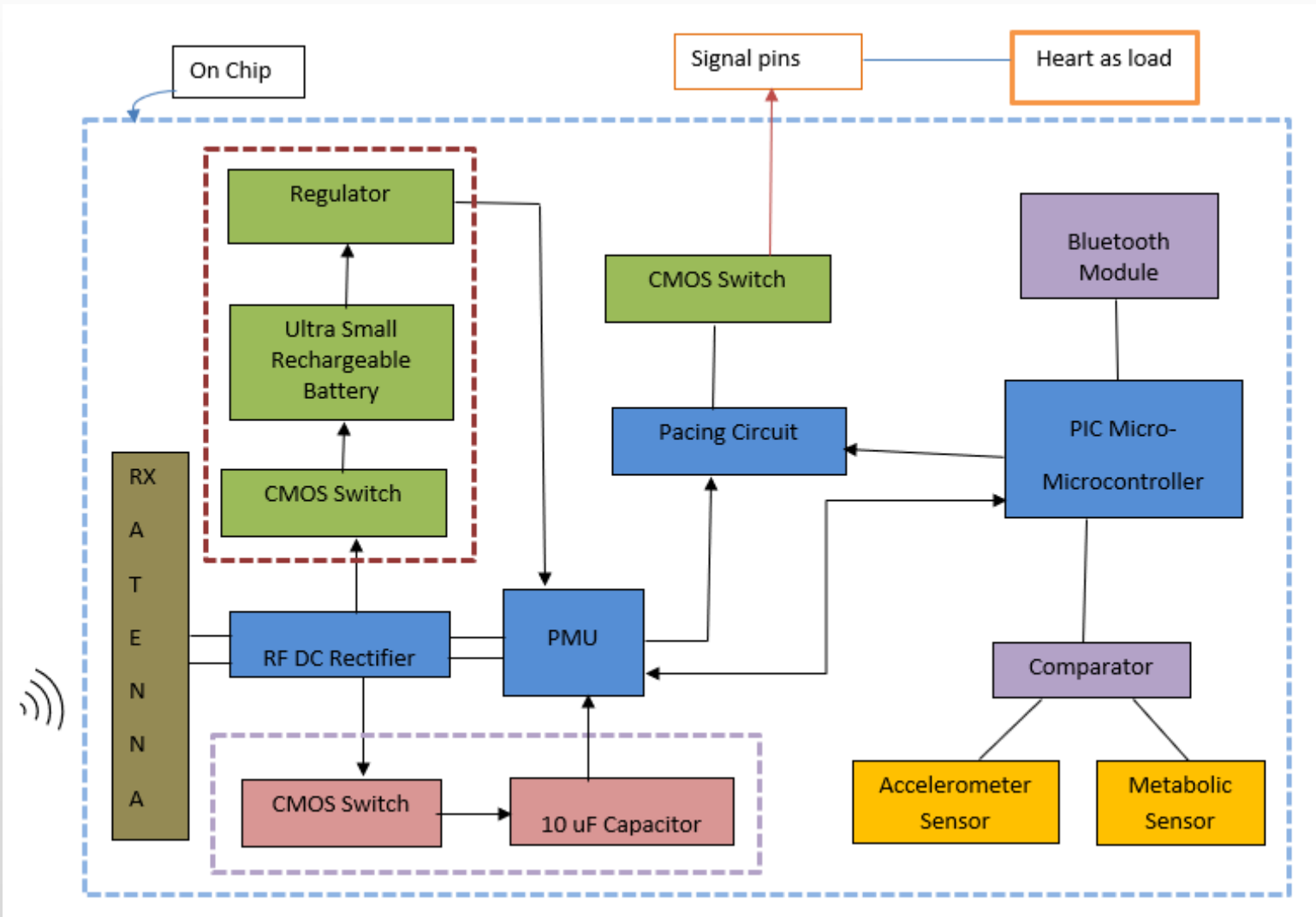
- Activity Diagram:

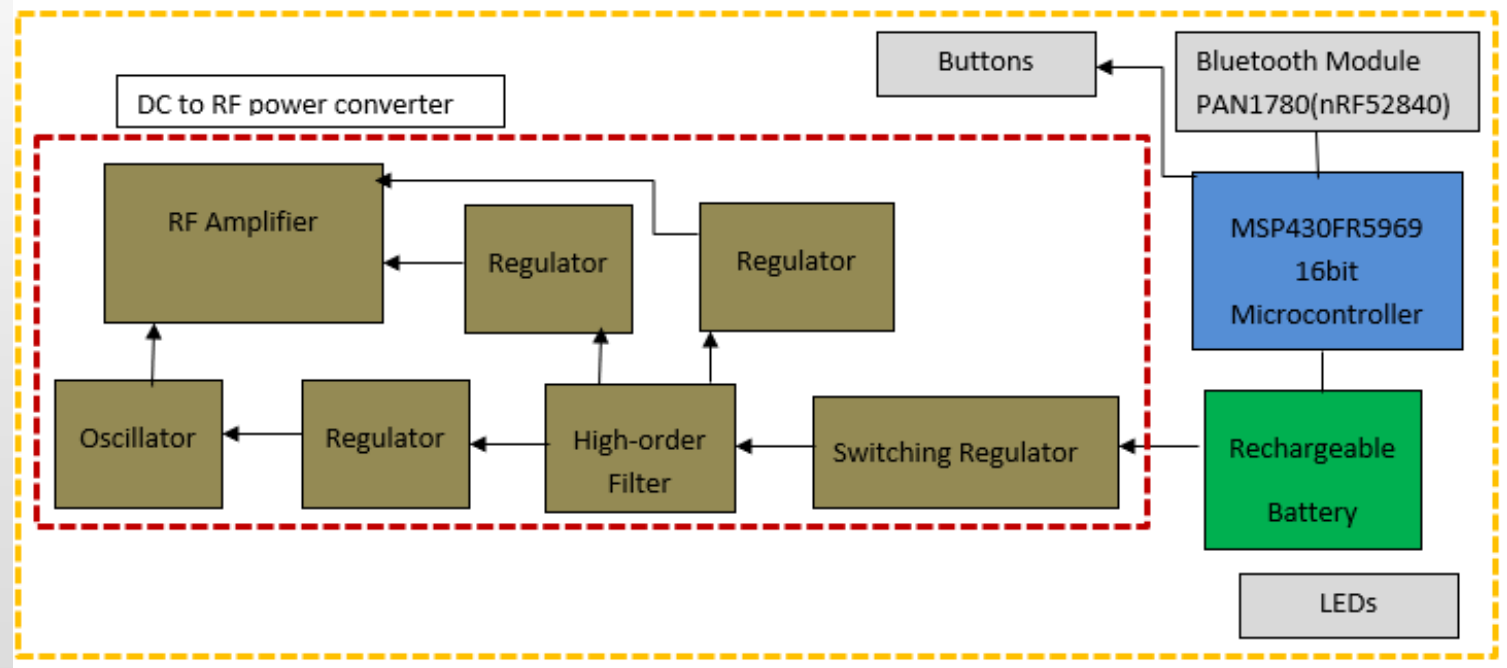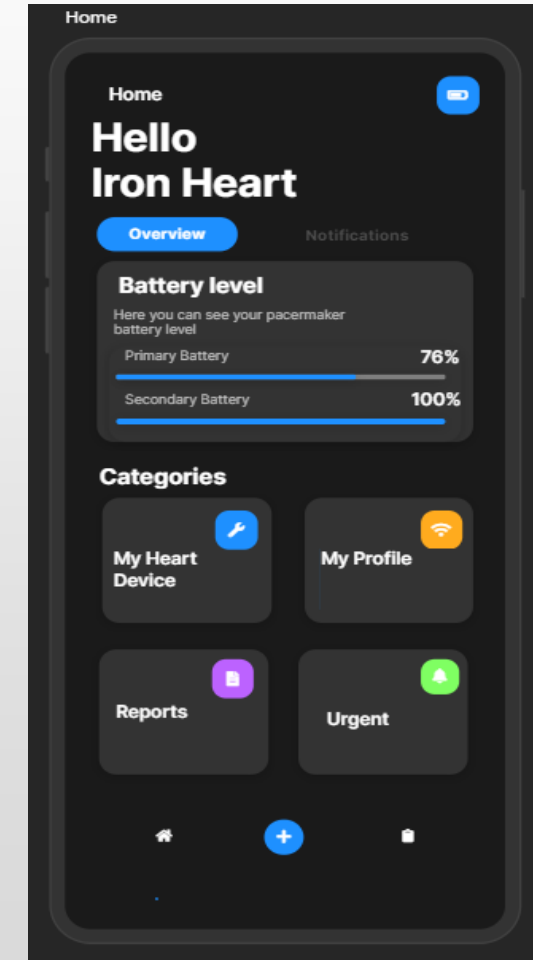# Software Models

- **Requirements Diagram:**

Hardware Model

- The system is composed of two devices:
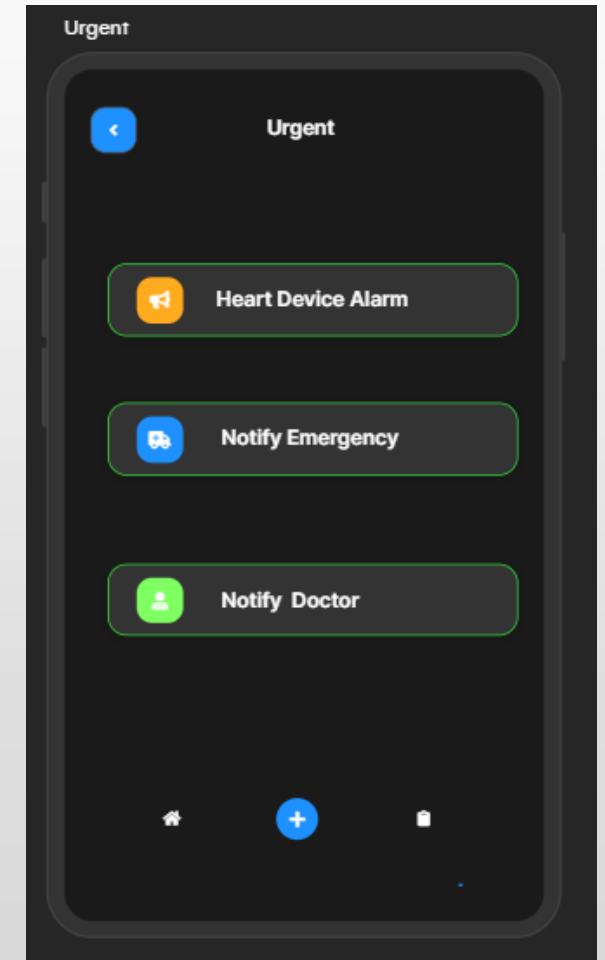 - The implantable pacemaker
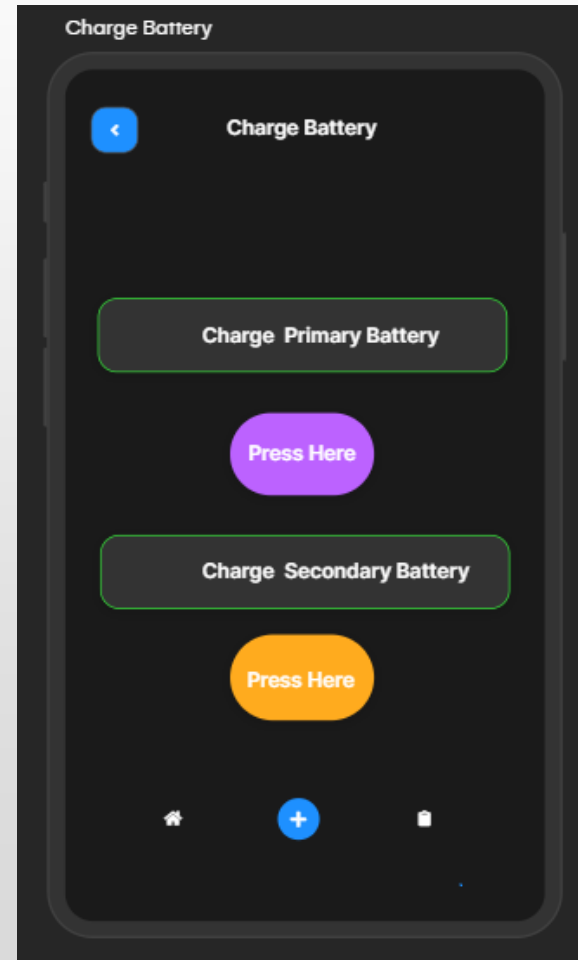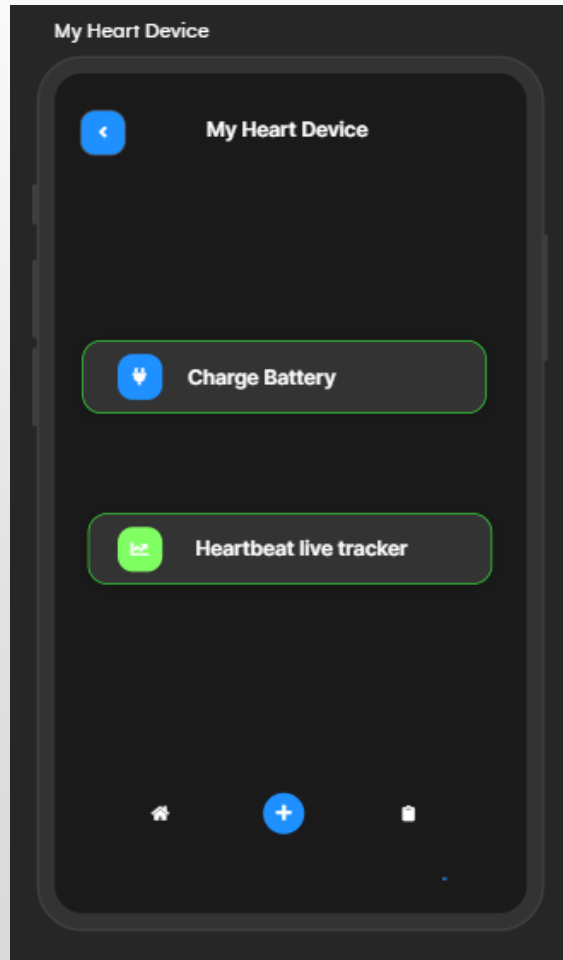
Hardware Model

- **The system is composed of two devices:**
  - **The implantable pacemaker**
  - **The portable RF power source**

User Interface

User Interface

THANK YOU FOR YOUR ATTENTION