

# Design Studio – Project 3 (Week 3)

## This week you will:

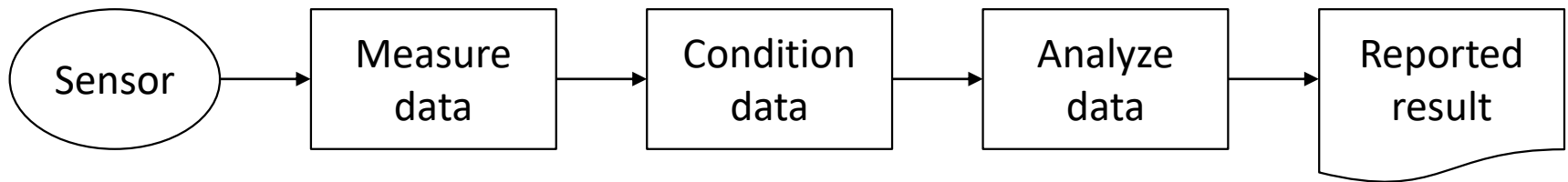
- Finish development of the MATLAB functions
- Collect sensor data for design testing
- Run your test plan to analyze your design

## Assignments:

- Prepare for a review of your overall design (exercise worksheet and memo)

# Project 3 – Review

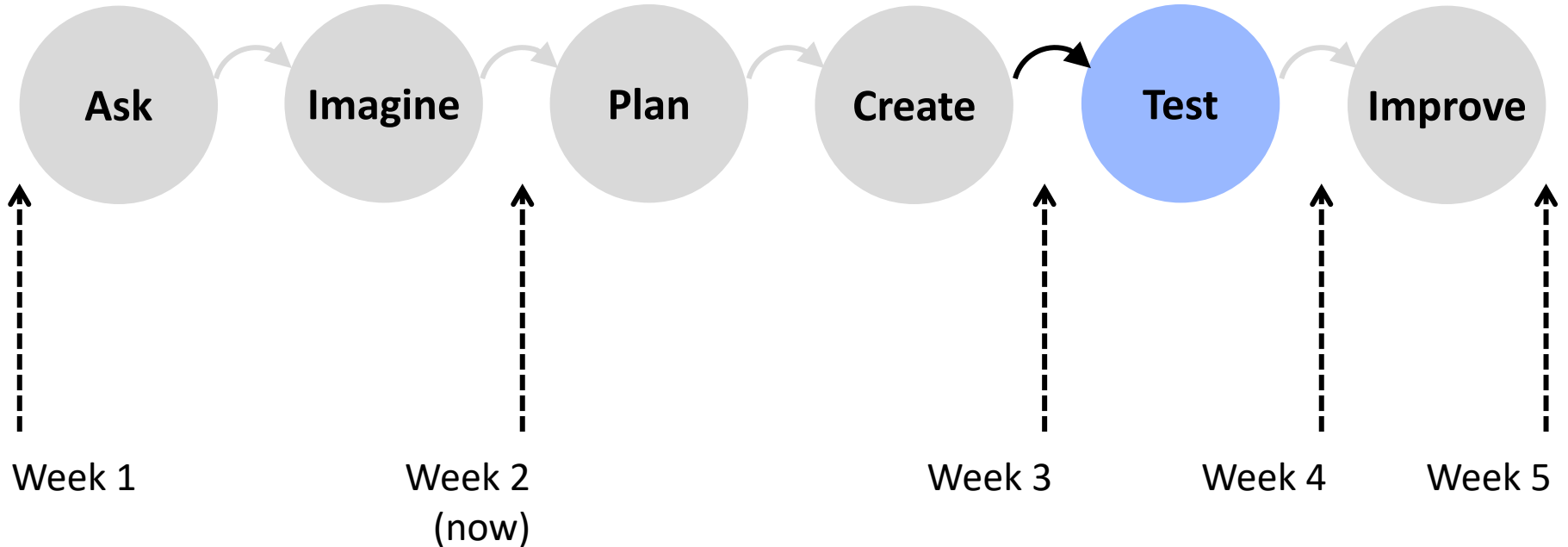
For the last five weeks of Studio, your team will be working on designing and developing Project 3, **a sensor-based application**.



To prototype your design, your team will:

- Collect relevant sensor data using your **smartphone**
- Build a basic version of the application using **MATLAB**

## Project 3 – Week 3 to Week 4



Over the next week you collect sensor data with your smartphone and test your MATLAB application.

This week's exercise worksheet will help guide your way.

# This Week's Assignments

## Exercise

Complete the worksheet distributed by your instructor.

- Follow the directions to prepare for and execute your test plan to determine the effectiveness of your design.
- Submit the completed worksheet and memo as directed by your instructor **before the start of the next Studio.**

With any extra time this week, your team can get start generating material for your report and presentation.

This means:

- Compiling information from previous memos
- Creating tables and figures to summarize your test data