

## Lesson 3.1

3.7.2020

# Implementing Projects #1

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### DAILY OBJECTIVE

During the next series of lessons, we will implement our end of semester projects using the project design worksheets and notes we've developed over the last few weeks.

### DEFINITIONS

No new definitions today!

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## Section 1: Tech Demo Review

**Let's review our progress so far.**

### 1.1 Tech Demo Review

We'll start the lesson by independently reviewing our tech demos.

Review your demo and consider the following questions:

1. Is this project effective at demonstrating the interaction it is designed to showcase?
2. Can I extend this demo to use the AI systems we learned about?
3. What can I add or remove to make this demo function more effectively?

### 1.2 Adding Functionality

Next, extend your tech demo to integrate the Azure Cognitive Services AI Systems.

Extend your demo with the new functionality. When it's ready, you should be prepared to complete the following tasks:

1. Demonstrate the functionality of your project.
2. Show where the AI functionality is being used in your project.
3. Quickly explain how the AI system code works in your project.

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## Section 2: Final Project Implementation

Move onto this section when your teacher has cleared your tech demo and told you it's okay to start!

### 2.1 Final Project Schedule

Before jumping into code, we'll create a simple project schedule using the "Project Schedule" Activity Worksheet.

Complete the following activity:

<b>A</b>	<b>5-10 Minutes</b>	<b>Final Project Schedule</b>  Create a final project schedule that briefly defines when over the next few classes you will complete elements of your project.  Be careful to clearly differentiate your MVP ("good") elements, from your "better" and "best" nice to have elements.
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### 2.2 Final Project Implementation

**With any remaining class time, you should begin working on your final project!**

You can start by extending your tech demo OR creating a new project and incorporating what you've learned.

Your project should be ready for a peer review by **lesson 3.4!**

## ACTIVITY WORKSHEET

# Project Schedule

This activity is designed to create a simple project schedule you can use to stay on track. List the **project elements** you'll need to complete, **functionality** you'll need to add, and **technology** you'll need to integrate to make your project work! Aim to add only necessary elements in the early lessons, and “better” and “best” elements later on in the schedule.

<b>Lesson 3.1 (Today)</b> Date:  Completed by Today:	<b>Lesson 3.2</b> Date:  Completed by Today:
<b>Lesson 3.3</b> Date:  Completed by Today:	<b>Lesson 3.4 (Peer Review)</b> Date:  Completed by Today:  “Better” / “Best” Elements:
<b>Lesson 3.5</b> Date:  Completed by Today:  “Better” / “Best” Elements:	<b>Lesson 4.1</b> Date:  Completed by Today:  “Better” / “Best” Elements: