**Studio PDR Planning Worksheet**

Learning outcome 1

Analyse user requirements to inform technical project work and produce user-centric functionality.

**Objectives:**

1. Capture project requirements in the form of User Stories
2. Contribute in a meaningful way to coding and releasing features that meet the user requirements
3. Demonstrate an iterative approach to project work using Design Thinking techniques
4. Participate in code review to ensure high-quality outputs

Learning outcome 2

Employ ethical and sustainable development methodologies and tools in a team environment.

**Objectives:**

1. Communicate within a team in order to maintain sustainable productivity
2. Use industry-standard communication and project management tools in a professional manner
3. Contribute to producing safe, accessible, usable and useful software
4. Employ leadership and conflict management techniques to sustain an agreed workflow

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| Name: Jae Joo |
| Date of scheduled PDR meeting: Practice / Final |
| Discussed with: Faisal |
| What are your personal goals and objectives in addition to the course objectives?  Better Time management  Communication with team members  Collaboration with team members |
| What has gone well? What are your strengths?  Following tutorials and Microsoft documentation to create IOT Hub and IoT Central.  Simulated devices have been created which send telemetry data.  Attempt has been made to create a IoT Console App which sends and receives messages. |
| What could have gone better and how?  Better application of knowledge for use cases.  Setting Raspberry Pi has not been attempted.  So far, only simulated devices have been attempted. |
| What are the next steps to take? What is your plan for further self-development?  More training modules about Azure IoT  Trying to use Azure EndPoint to store telemetry data for “analysis”  Calling methods from IoT Hub.  Finding actual application for the infrastructure capabilities. |
| What barriers exist? How do you plan to deal with them?  In sufficient base knowledge of Azure, and the need to expand understanding is important.  Allocating more time to tutorials and learning. modules.  Could have a meeting with students doing IoT projects to discuss integration with Azure. |
| What is not clear or is uncertain?  Particular materials to follow in order to gain more understanding of Azure and the possibilities and applications, use cases. |

What evidence do you plan to use to demonstrate your completion of the objectives?

*(For the practice PDR you will have only completed some of the objectives. Just bring evidence of those ones)*

* *Screenshots of objectives achieved. (sending of telemetry data, creation of simulated devices)*
* *List of and screenshots from tutorials and modules followed/completed*
* *Working prototype of a physical device which is connected to the IoT Hub.*
* *The devices and services which have been created and in use on Azure Portal*