As a help to the instructor, this document provides an overview of the modules and scenarios and an estimate timing of these. Further, if you would like to trim the workshop and leave out individual modules, the scenario section include the prerequisite lesson (or prior knowledge) of tools to solve them.

## Lessons

**Lesson - Troubleshooting Fundamentals:** This lesson provides an overview of the skills and processes around troubleshooting in order to give the attendees a structured working model that they can practice during the troubleshooting scenarios. (30 min)

**Lesson – ULS:** In this lesson, you will learn about ULS in SharePoint, about the SharePoint Logging Database, and some tools to help you find troubleshooting data in the logs. (30 min)

**Lesson - Disassembler:** In this lesson, you will learn how to disassemble managed code in order to find where issues are coming from. (20 min)

**Lesson - SQL Profiler**: In this lesson, you will learn how to work with SQL Trace and SQL Profiler to find issues in the database tier. (20 min)

**Lesson - Developer Dashboard:** In this lesson, you will learn about the built-in instrumentation feature in SharePoint. How to use it for troubleshooting, and how to leverage it in your own solutions. (30 min)

**Lesson - Log Parser:** In this lesson, you will dig into the IIS logs with Log Parser in order to track down issues around performance. (30 min)

**Lesson – IE Dev Tools**: In this lesson, you will learn how to use IE Dev Tools to troubleshoot client side issues and JavaScript applications.  (30 min)

**Lesson – Snap**: In this lesson, you will learn how to Snap to take process and memory dumps as well as do simple analysis of process dumps for performance and hang related issues. (20 min)

## Hands on

**Scenario 01:** Migrated custom application (Required lessons: ULS, Disassembler) – 1 hour

**Scenario 02:** Slow Pages (Required lessons: ULS, Disassembler, SQL Profiler) – 1 hour

**Scenario 04:** A Few Users Complaining (Required lessons: ULS, Disassembler, Log Parser) – 1:30 hour

**Scenario 05**: Corporate Branding (Required lessons: IE Dev Tools) – 1:30 hour

**Scenario 06:** Hanging custom application (Required lessons: Snap) – 1:20 hour