**Project Title: Alexa Skill for Lightpad**

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**Goal.** To create an Alexa Skillset skill for Lightpad, so the Lightpad light switch can be controlled from an Amazon Echo or the Alexa (iOS/Android) client.

**Detail (per figure below).**

·      Understand and get  up learning curve on the Alexa Skills Kit SDK

·      Develop the App extension and the cloud services for the Alexa mobile services piece

·      Integrate with Lightpad cloud to actuate a physical Lightpad switch

·      Investigate advanced aspects of the Alexa SDK to support colloquialisms, alternate ways of phrasing lighting commands and stateful dialog (not single commands)

