How is data organized in the LIMS?

The LIMS system utilizes several data model constructs in order to store data uploaded from the ELN or uploaded to the LIMS directly. All data models ultimately connect to the Experiment data model. Experiment data objects are created and updated for each unique ELN page. These Experiment data objects provide the tracking for any and all protocols, characterization data, and chemical synthesis linked via annotation in any ELN page to the LIMS itself. There are currently over two dozen different data models in the LIMS. A simplified schematic showing how these models relate to each other is shown in Fig 1.

Fig 1. Schematic illustrating some of the connections between data models.

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