**SA Assignment 11**

**Connector Selection**

* Determine a system’s interconnection and interaction needs
  + Software interconnection models can help
* Determine roles to be fulfilled by the system’s connectors
  + Communication, coordination, conversion, facilitation
* For each connector
  + Determine its appropriate type(s)
  + Determine its dimensions of interest
  + Select appropriate values for each dimension
* For multi-type, i.e., composite connectors
  + Determine the atomic connector compatibilities

**Example:-**

System components will execute in two processes on the same host

Mostly intra-process

Occasionally inter-process

The interaction among the components is synchronous

The components are primarily computation-intensive

There are some data storage needs, but those are secondary

Select procedure call connectors for intra-process interaction

Combine procedure call connectors with distributor connectors for inter-process interaction

RPC

Select the values for the different connector dimensions

What are the appropriate values?

What values are imposed by your favorite programming language(s)?