


Home assignment 2

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 We are going to do a simulation study on a structural steel installation job where 1) structural steel elements arrive at the site from steel fabrication shop 2) structural steel elements are stored in order based on their arrival time 3) a tower crane moves the elements to their erection location 4) iron worker crew first temporarily stabilize the steel element on its location to let the crane off and can serve other steel element installation 5) Iron worker crew finish the installation by bolting and welding the steel elements

How do you determine entity elements in the system? Is there any important attribute you want to add to the to the entity? What are resources and their states? Is there any queue required for the resources? What are activities and events? What are expected system state changes by events occurrence?

Due: One Week!