

Team 3 reviewed by team 2.

### **Pay Kiosk Diagram**

1. Sign up visitors should probably have a do: statement
2. Change method calls to actual events. Method calls are part of the SAD.
3. Why is the transaction that has already been accepted then rejected when emergency mode has been triggered?
4. If the event of emergency mode triggered is activated from transaction accepted, you have another even of emergency mode triggered to get to idle main screen. It seems like the second emergency mode is unnecessary because it will just go to the same place regardless of emergency mode or not.

### **Token Diagram**

1. There should be a separate state for the token for when emergency mode is activated because the “display emergency protocol is turned on”, when is it turned off. You need to be coming from a different state to turn it off.

### **CGC Diagram**

1. What is getting Authenticated?
2. In the emergency mode are you trying to feed the T-Rex? You are sending the cars to the north end.

### **Car Normal Mode**

1. In the driving to south state you need a do: drive to south.

### **Car Emergency**

1. Cars will operate on an indefinite loop of picking up passengers and going back to pick up more passengers without knowing if there is anyone else left to be saved.
2. Turn around vs. arrived is confusing. What differentiates the choice?

### **GPS Server Dynamic Control Model**

1. What is healthy?
2. GPS does not have “do:” functions in “healthy,” therefore update GPS continues to loop without doing anything.

### **Global Alarm System Dynamic Control Model**

1. Healthy?
2. Trigger alarms is described twice, but each instance is not well differentiated.

### **Camera Network**

1. Your state changes are inconsistent from the other diagrams insofar as these have function parameters. Why the difference?

2. Your state changes are difficult to understand. Why does exitDVR go to two different nodes? Your diagram can get stuck between healthy and degraded and I'm not sure what those terms refer to.

### **Electric Fence**

1. No complaints.

### **T-Rex Monitor**

1. The self-loops are confusing. Why not break those down to sequential steps?
2. Why is inject tranquilize a self loop within tranquilize t rex? Those could be combined.