

## State Diagram:

S1 = Course Planner State 1  
S2 = Course Planner State 2  
S3 = Course Planner State 3  
S4 = Course Planner State 4  
S5 = Course Planner State 5

Explanation:

All commas denote 'AND' condition. When all the conditions are met, state will get changed.

Initial state

