Statechart authentication_scenario good_path() bad_path() dbOperations() dbOperations() //@ @variable a H False char *a //@ @variable a H False char *a accessDatabase() accessDatabase() /*@ @function authentication * @parameter a H authenticated @*/ /*@ @function sink * @parameter a L @*/ createUser() authentication(char *a) logIn(char *a) createUser() /*@ @function sink * @parameter a L @*/ saveInformation() adminTasks() adminTasks() logIn(char *a) saveInformation()