

Scenario Table: Registration Activity

#	SUBJECT	ACTION ON SUBJECT	OTHER DATA/ OBJECTS	OBJECT ACTED UPON
1	Registration GUI	Registers User in The System	User Information	Registration Controller
1.1	Registration Controller	Create	-	MSG
1.2	for each required input user information field			
1.2.1	Registration Controller	Sent Information to the DB Mgr	User Information	DB Mgr
1.2.2	DB Mgr	Checks User Information	User Information	Registration Controller
1.2.3	if(username.equals(NULL) password.equals(NULL) confirm_password.equals(NULL))			
1.2.3.1	Registration Controller	Append	"Fields Required"	MSG
1.3	else			
1.3.1	If Password == Password Conformation			
1.3.1.1	DB Mgr	get	User email	User
1.3.1.1.1	If email == NULL			
1.3.1.1.2	DB Mgr	returns boolean false		Registration Controller
1.3.1.2	else			
1.3.1.2.1	Registration Controller	Verify	Username	DB Mgr
1.3.1.3	if user does not exist			
1.3.1.3.1	Registration Controller	Insert	User informations	user: USER
1.3.1.3.2	if insert == true			
1.3.1.3.2.1	Registration Controller	Append	"Registered"	MSG
1.3.1.4	else			
1.3.1.4.1	Registration Controller	Append	"Username already taken"	MSG
1.3.2	else			
1.3.2.1	Registration Controller	Append	"Password does not match"	MSG
1.4	Registration Controller	Returns	MSG	Registration GUI
1.5	Registration GUI	Display Registration Msg		