Decision Tree 1. User **Existing User** New User Login Sign Up False Credentials True Credentials Authorised Error User Message Guest Secretary Resident Post Events Host, suggest and View Invites Post Bills view events View events • Maintenance Post and view complaints services View and pay their • View and reply to own bills complaints View maintenance • Manage resident's status. data • View residents' Post vacancies and rental information information. • View guest status

2. Decision Table

Conditions						
Is Secretary	Yes	No	No	Yes	No	No
Is Resident	No	Yes	No	Yes	Yes	No
Is Guest	No	No	Yes	No	Yes	No
Not Authorised User	No	No	No	No	No	Yes
Actions						
Can post event	Х					
Can view events				Х	Х	
Can view invites			Х			
Can post bills	Х					
Can view bills				Х		
Provide maintenance and services	Х					
Can view maintenance status		Х				
Can view and post complaints		Х				
Can reply and update complaint status	Х					
Can manage residents' data	Х					
Can view residents' data				х		
Can post flat vacancies and rental information	Х					
Show error message						X