

Project name: smart Doorbell **Group:**15

User stories

	story name	as a	I want	so that
1	Snapshot on Doorbell Press	Homeowner	the system to capture and show me a photo/short clip when someone presses the bell	I can immediately recognize who is at the door
2	Watch Live From Anywhere	Homeowner	to start a live view of my door from outside my home network	I can check my entrance whenever I'm away
3	One-Time Access Code	Homeowner	to create a single-use access code for a specific time window	Trusted visitors can enter once without permanent access
4	Event History with Media	Homeowner	door events to be saved with their audio/video for later viewing	I can review what happened if I missed an alert
5	Remote Unlock	Homeowner	to unlock the door from the app after I verify the visitor	I can let trusted people in even when I'm not home
6	Play Pre-Recorded Message	Homeowner	to play a preset voice note at the door (e.g., "Leave the package")	I can guide visitors when I'm busy or can't answer
7	PIN Lockout After 5 Failures	Homeowner	the door lockpad to disable PIN entry for 2 minutes after 5 consecutive wrong attempts and log the event	brute-force guessing is discouraged and I'm alerted to suspicious activity
8	Offline Mode	Homeowner	the doorbell to still function when there is no Wi-Fi or the internet is down(basic functionalities)	I can still get basic operation like keys saved locally
9	Auto-Relock Safety Timeout	Homeowner	the door to automatically re-lock after a configurable time following a remote unlock	the door isn't accidentally left unlocked after deliveries or visitors

10	Failed Access Attempt Alert	Homeowner	the system to notify me when someone enters an incorrect one-time access code and to play beeping	I can detect suspicious attempts and keep my door access secure
11	two way talk	Homeowner	to talk with the person at the other side of the door	make a conversation
12	Web & Mobile Access with History	Homeowner	to add users, set roles, and define when each one may unlock	I can control who can enter and when
13	Multi-Resident Call Routing	Household member	doorbell calls to notify multiple recipients (app/web) with escalation if the first doesn't answer	someone in the house will respond quickly even if one person is busy
14	Night-Time Auto Brightness	Homeowner	I want the camera to automatically increase brightness during a time range I choose (for example 7 PM to 6 AM) according to the led sensor	the snapshots and live video are clear at night without needing extra hardware like IR LEDs.