

Features available app/software	Rationale
Language selection	Users need to be able to understand the device regardless of language preference
Ability to connect to internet/wifi	in order to connect to needed information repositories (medical records, pharmacy databases, etc.)
Timer	to set medication schedule
OCR functionality	in order to read medication labels
QR code functionality	see previous
Ability to set schedule	to set medication schedule
Voice recognition	so that user can interact with device without needing to use their hands
Medication tracking	to alert user when their meds are running low and need to be refilled
Software to send communications to third party	send text/email
Ability to sync with portable device - push and pull data	information/settings may be set using portable device that need to be relayed to base unit
Accompanying Website	
Login	to allow primary user and designated caretakers to access information (status, history, etc.)
Privacy settings	in order to set which information is viewable by caretakers (doctors, nurses, etc.)
Features available in device	Rationale
Scanner/camera	to scan bottle information
Button to turn off alarm (vibration, auditory)	to alert person
Interface display	to display information (ex. what med? How much of a medication to take?)
LED color	white, black, red, yellow, green - to signal need for input
Wifi Recharge port	to charge battery

Wifi capability	to connect to Internet
Motion sensor	to detect presence of user and trigger output from device
Speakers	to make sound for alarm
Snooze	to silence, but not cancel, the alarm momentarily
Base unit	stationary scanner, charger
Portable unit	wearable device, that user can carry when not at home
Battery	power for the device, backup if unplugged or power outage
Memory card	so extra space