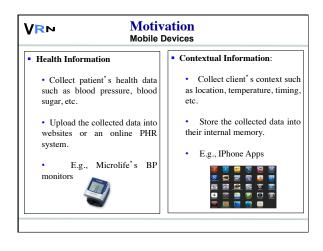


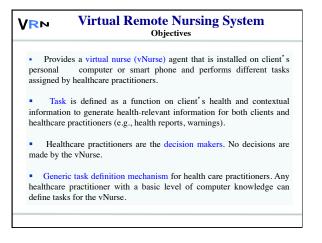
۷RN	Motivation Online PHR Systems
	ine platforms that record the health information of clients such as condition, medications, allergies and lab results.
<ul> <li>Big</li> </ul>	g players: Google Health & Microsoft HealthVault
<ul> <li>Dir</li> </ul>	rect access to Personal Health Services such as:
•	Import medical records
•	Explore medications and treatments
•	Convert paper records
	Find personalized tools
•	

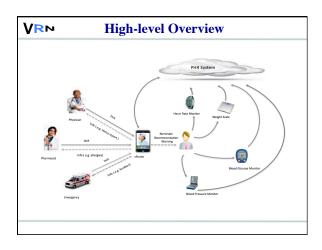
RN	Motivation Google Health		
mehr.najafi Oxfore - CiPist - A Store	tron .		
Age: 25 years and Size: Male	Paren / Ethnishy 100-los Blood type: E+	Edt	Updates Cresk res Notices (1) - Activity, record
Bareway         All counds */>           Welfness         *           Fields welfness         *           * Meights (1)         Weights (velth Stath) (1)           L         Z/M         Plenness have scannary	<ul> <li>Š Net B.S Incles - Jun 10, 2010</li> <li>198 Ib, 24.9 BM - Jun 19, 2010</li> </ul>	Ass	Indices (IV - ACME, NDOT Import medical records (*) Pais per automatic updates when somethic changes. Browse all 25 import sources a Put your information to work (*) Bigs up for presentation mess, above, and other tools. More an Yew,
Problems         It folds problems           Chobominal Mass (1)         Acatamisopher Taxicity (1)           L         X_X_X_X_X_X_X_X_X_X_X_X_X_X_X_X_X_X_X_	Convet Convet	Ass	Denvise all 38 auroleen a
Medications 🛞 List all your prescriptions, supplements, vilamins, and over the	counter drugs.	Aas	
Allergice (1)		Ass	
C A0 Po (1)			
AD Pho (1)     (a)      (c)      (	• 122 mil geraan - Jun 8, 2510	Add	
AD Pro (1)     Bet [1] Denous from summary Delete forware  Text results	• 122 mil genan - Jul II, 2010	Ass	

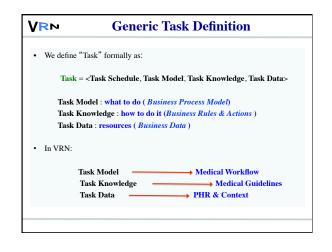
<b>/</b> RN	Motivation Personal Health Services		
Biosprint for Williams Units of profile	Buggrint for Weiness Buggrint for National two Caver Dagrootica provides an assessment of your prenoral health based on laboratory levels that you can directly order. No registration is required but that many		
Cleveland Clinic MyConsult (Link to profile)	Cleveland Clinic MyConsult MyCoust is an onter metical arrive but corrects argons, anywhere, to Cleveland Clinic physicians. Top specialitis provide metical second opinions, and pre-ediption and nutrition consultations.		
Community (Unix to profile)	Community Nursing & Reababilisation Center Community Nursing & Reababilisation Center is addicated to taking an of your bred ones when they are no longer state to be care of themselves. We provide speech many, would any consoling the many, and holves delyon. We also other a Secured Attender's Unit, Preson-Centered Cene & Environments Adaption Designed For Series, OHIC & Medicare & Medicar Cented.		
Destination (8)	DestinationRx DestinationRx is a leve online to that give you over-cost, alternative medication options, local and online U.S. pharmacy price comparison and more to help you make andre prevention. There negletation is required to import your data from Couple : Neeth, but you may seach and drug alternatives, compare that grant provides and compare Modean Plan coast whosh registering.		
CANVITA HEALTH	Drug Comparison Tool Avails Helti Present Decision Marg Tool uses Information in your Google Health profile to evable a personalized comparison of medications, including safety screening and everage retail price. This service is the and requires registration.		
ATTER DA	ePilBox.info #PIBbox.info by Solveha is a free web application that uses information from your Google Health profile to create a medication schedule based on your prescriptions and your preferences.		

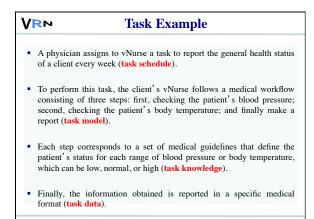


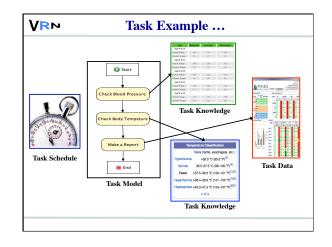
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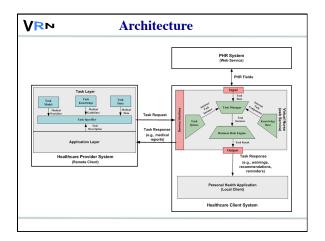


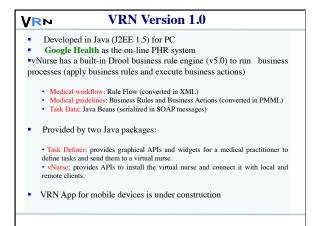


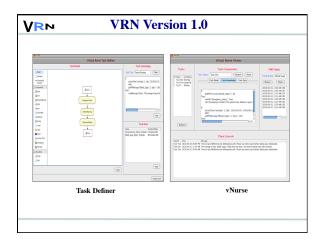








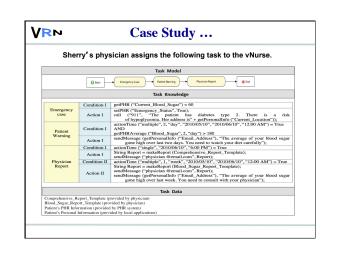


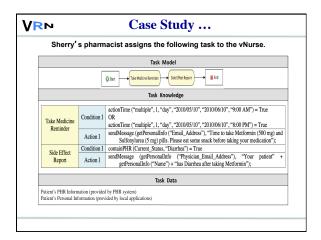


/RN	VR	N Version 1.0	
Virtual Nurse basic functions stored in the internal knowledge base.			
Name	Parameters	Description	
getPHR()	PHR Field	Retrieves the value of the PHR field from the PHR system.	
getAveragePHR()	PHR Field Value	Assigns the value to the PHR field in the PHR system.	
setPHR()	PHR Field Period	Takes average of the PHR field over the defined period.	
changePHR()	PHR Field	Returns true if the PHR field just changed more than its corresponding threshold.	
getPersonalInfo()	Field	Returns the requested information about the client.	
call()	Phone Number	Makes a call to the defined phone number and tells the	
	Message	message. It uses a text2Speach function to convert the	
		message into a voice message.	
sendMessage()	Email Address Message	Emails the message to the defined email address.	
	Frequency	Returns true if the current time mateches with the execution	
	Period	time of the action. For example, actionTime ("multiple", 2,	
actionTime()	Start Date	"day", Start Date, End Date, Time) says the execution time	
	End Date	for the next action is every two days from Strat Date to End	
	Time	Date and at the Time.	
makeReport()	Report Template	Makes a report based on the recived template that specifies the	
		required PHR information in a proper format.	

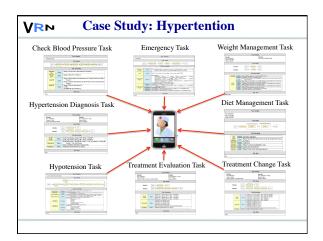
VRN	Case Study
-	Scenario
	n elderly woman with type 2 diabetes. She has a vNurse installed none and a blood glucose sensor.
regular monthl during this peri sugar level) tha wants to make	an wants to ensure that Sherry stays on her diet until her next y appointment and how well the prescribed medications work iod. Since, Sherry is at the risk of hypoglycemia (i.e., low blood at could result in losing consciousness. Consequently, the doctor sure she receives emergency medical services promptly in the e hypoglycemia.
time, and free Moreover, since	cist wants to make sure Sherry does not forget the right dosage, juency of her medication that are prescribed by her doctor. e the prescribed medications could cause side effects, he wants s doctor informed if the medications cause any complications.

In a case of an emergency situation, the emergency center needs to access
the latest information about Sherry's health condition.





Em	orgonovo	enter assigns the following task to the vNurse.
Em	ergency c	
		Task Model
	O Start	einform Emergency Contact + Raters Status Report + Charge Status Report + End
		Task Knowledge
Inform	Condition I	getPHR ("Emergency_Status") = True
Emergency Contact	Action I	call (getPersonalInfo ("Emergency_Contact"), getPersonalInfo ("Name") + "is in emergency status, She is at" + getPersonalInfo ("Current_Location"));
	Condition I	getPHR ("Emergency_Status") = True
Patient Status Report	Action I	String Report = "Patient Blood Pressure-" + getPHR ("Current_Blood_Pressure") + "Patient Body Temperature =" + getPHR ("Current_Body_Temperature") + "Patient Blood Sugar =" + getPHR ("Current_Blood_Sugar") + "Patient Allergies =" + getPHR ("Allergies"); sendMessage ("emergency @ email.com", Report);
	Condition I	changePHR("Blood Sugar") = True
	Action I	String Report = "Patient's Blood Sugar is changed to" + getPHR ("Current_Blood_Sugar");
Status Change	Condition II	changePHR("Blood_Pressure") = True
Report	Action II	String Report = "Patient's Blood Pressure is changed to" + getPHR ("Current_Blood_Pressure");
	Condition III	changePHR("Body_Temperature") = True
	Action III	String Report = "Patient's Body Temperature is changed to" + getPHR ("Current_Body_Temperature");
		Task Data



RN	Future Work
	rtual Remote Nursing system where an assigned task plished through the collaboration of the patient and the
	Remote Nurses system where healthcare providers will to assign some simple decision making tasks to the

