

## ENTITIES

people	Login credentials and details of a person registering as a patient or a health supporter
pid	
first_name	
last_name	
date_of_birth	
gender	
address	
contact_number	
password	
registration_date	
patient_flag	
health_supporter_flag	
PRIMARY KEY	pid

disease	Name of disease and a unique id associated with it
id	
name	
PRIMARY KEY	id

health_observation	Provides details about health observations
id	
name	
description	
data_type	
lower_limit	
upper_limit	
PRIMARY KEY	id

alert	Contains details about the types of alerts
id	
name	
PRIMARY KEY	id

mood_mapping	Contains mapping between numerical and string values of mood
mood_number	
mood_string	
PRIMARY KEY	mood_number

patient_health_obs	Weak entity of people containing patient specific upper and lower limits of health observations
health_obs_id	
lower_limit	

upper_limit	
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## RELATIONSHIPS

<b>support</b>	Relationship between patient and health supporter
patient_pid	
health_supporter_pid	
start_date	
end_date	
health_supporter_type	
<b>PRIMARY KEY</b>	patient_pid, health_supporter_id

<b>diagnosis</b>	Diseases diagnosed for patients
patient_pid	
disease_id	
diagnosis_date	
<b>PRIMARY KEY</b>	patient_pid, disease_id

<b>disease_reccomendation</b>	Contains disease specific health observations and their frequency
disease_id	
health_obs_id	
frequency	
<b>PRIMARY KEY</b>	disease_id, health_obs_id

<b>health_obs_frequency</b>	ontains patient specific health observations and their frequen
patient_pid	
health_obs_id	
frequency	
<b>PRIMARY KEY</b>	patient_pid, health_obs_id

<b>recorded_health_obs</b>	contains recorded values for every health observation of a patient
rec_id	
patient_pid	
health_obs_id	
recorded_value	
observed_time	
recorded_time	
<b>PRIMARY KEY</b>	rec_id

<b>patient_alert_threshold</b>	Contains threshold for each type of alert for every patient's
patient_pid	
health_obs_id	
alert_id	
threshold	
<b>PRIMARY KEY</b>	patient_pid, health_obs_id, alert_id

recorded_alerts	Records all alerts
rec_alert_id	
patient_pid	
health_obs_id	
alert_id	
recorded_date	
PRIMARY KEY	rec_alert_id