

eHealth System: Error Documentaion

Team: Siraj Rauff (212592192), Skyler Layne(212166906)

Date: 23/11/2015

List of Errors on User Operations

add_physician(id: ID_MD; name: NAME; kind: PHYSICIAN_TYPE)

- Not enough arguments
- *id* must be positive
- *name* must be non-empty
- Physician with *id* already exists
- Physician with *name* already exists
- *kind* must be generalist or specialist

add_patient(id: ID_PT; name: NAME)

- Not enough arguments
- *id* must be positive
- *name* must be non-empty
- Patient with *id* already exists
- Patient with *name* already exists

add_medication(id: ID_MN; medicine: MEDICATION)

- Not enough arguments
- *id* must be positive
- *name* must be non-empty
- *kind* must be liquid or pill
- *low dosage* must be positive
- *high dosage* must be positive

- *high dosage* must be greater than or equal to *low dosage*
- Medication with *id* already exists
- Medication with *name* already exists

add_interaction(id1:ID_MN;id2:ID_MN)

- Not enough arguments
- *id1* must be positive
- *id2* must be positive
- No medication associated with *id1*
- No medication associated with *id2*
- Interaction already exists

new_prescription(id: ID_RX; doctor: ID_MD; patient: ID_PT)

- Not enough arguments
- Medication *id* must be positive
- Doctor *id* must be positive
- Patient *id* must be positive
- ID *ID_RX* already in use
- Prescription already exists
- No doctor associated with *ID_MD*
- No patient associated with *ID_PT*

add_medicine(id: ID_RX; medicine:ID_MN; dose: VALUE)

- Not enough arguments

- Prescription *id* must be positive
- Medicine *id* must be positive
- *dose* must be positive
- No prescription associated with *ID_RX*
- No medicine associated with *ID_MN*
- *dose* must be higher than low dose of medicine
- *dose* must be lower than high dose of medicine
- Must be specialist to assign medicine with dangerous interaction

remove_medicine(id: ID_RX; medicine:ID_MN)

- Not enough arguments
- Prescription *id* must be positive
- Medicine *id* must be positive
- No prescription associated with *ID_RX*
- No medicine associated with *ID_MN*
- Prescription *ID_RX* does not contain medicine *ID_MN*

prescriptions_q(medication_id: ID_MN)

- Not enough arguments
- *id* must be positive
- Medication *ID_MN* does not exist in any prescription

dpr_q