

FROM TDD TO BDD AND BACK HANDS ON LAB

BMI APPLICATION

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STORIES

SHOW PERSON OVERVIEW

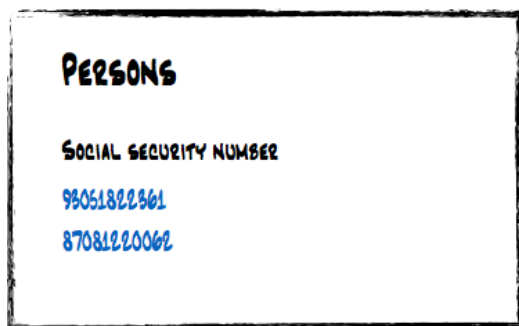
NARRATIVE

In order to navigate to the data of a certain patient

As a caretaker

I want to see the list of all patients

MOCK-UP



ACCEPTANCE CRITERIA

A list with the social security numbers of all patients is given

ADD PATIENT

NARRATIVE

In order to monitor a person

As a caretaker

I can register a new patient

MOCK-UP

PERSONS

SOCIAL SECURITY NUMBER

99051822361

87081220062

NEW

NEW PERSON

SOCIAL SECURITY NUMBER

BIRTH DATE

GENDER

LENGTH (CM)

WEIGHT (GR)

EXAMINED ON

OK **CANCEL**

ACCEPTANCE CRITERIA

I can register the social security number, birthdate, gender

I can register the length, weight and date of the first examination

An error message is given if not all fields are provided

An error message is given if invalid data is provided:

- Birthdate should not be in the future
- Length should be between 50 and 300 cm
- Weight should be between 300 and 700000 gr
- Examination date should not be in the future

SHOW PATIENT DETAILS

NARRATIVE

In order to check the physical condition of a patient

As a caretaker

I want to consult his/her personal details

MOCK-UP

The mock-up consists of two main panels. The left panel, titled 'PERSONS', contains a label 'SOCIAL SECURITY NUMBER' followed by two entries: '99051822361' and '87081220062'. Below these entries is a 'NEW' button. An arrow points from the first entry to the right panel. The right panel, titled 'PERSON 99051822361', displays a form with the following fields and values: 'SOCIAL SECURITY NUMBER' (99051822361), 'BIRTH DATE' (1998-05-18), 'GENDER' (MALE), 'LENGTH (CM)' (180), 'WEIGHT (KG)' (75000), 'EXAMINED ON' (2015-10-05), and 'BMI' (25.15). A 'CANCEL' button is located at the bottom of the right panel.

PERSON 99051822361	
SOCIAL SECURITY NUMBER	99051822361
BIRTH DATE	1998-05-18
GENDER	MALE
LENGTH (CM)	180
WEIGHT (KG)	75000
EXAMINED ON	2015-10-05
BMI	25.15
<button>CANCEL</button>	

ACCEPTANCE CRITERIA

The social security number, birthdate, gender, length, weight, examination date and bmi are given

The physical data of the most recent examination are given

The bmi is rounded to 2 digits

An error message is given if the patient cannot be found

ADD PHYSICAL EXAMINATION DATA

NARRATIVE

In order to track the physical condition of a patient

As a caretaker

I want to register the data of a new physical examination

MOCK-UP

The mock-up consists of two main components. On the left is a patient record titled 'PERSON 99051822361'. It contains several fields with pre-filled values: 'SOCIAL SECURITY NUMBER' (99051822361), 'BIRTH DATE' (1998-05-18), 'GENDER' (MALE), 'LENGTH (CM)' (180), 'WEIGHT (GR)' (75000), 'EXAMINED ON' (2015-10-08), and 'BMI' (23.15). At the bottom of this record are two buttons: 'ADD EXAMINATION' and 'CANCEL'. An arrow points from the 'ADD EXAMINATION' button to a 'NEW EXAMINATION' dialog box on the right. This dialog box has three input fields: 'LENGTH (CM)', 'WEIGHT (GR)', and 'EXAMINED ON' (which is pre-filled with 2015-10-08). Below these fields is an 'OK' button.

ACCEPTANCE CRITERIA

I can register the length, weight and date of the examination

An error message is given if not all fields are provided

A patient cannot have more than one examination for a given date

An error message is given if an invalid data is provided:

- Length should be between 50 and 300 cm
- Weight should be between 300 and 700000 gr
- Date should not be in the future

CLASS DIAGRAMS

DOMAIN



JAVA API

