

## Integrative Project - Spring Semester 2021/2022

### Project Requirements

This document describes the work to be developed by the teams during the semester. Most of the software application features are informally described from an end user's perspective. The Integrative Project will be developed in four sprints:

#### Sprint A. Integrative Project Analysis

- *Requirements Specification and Analysis*
- *Configure the Bitbucket Repository*

#### Sprint B: User Stories to develop

- US3: As a receptionist, I want to register a SNS user.
  - **Acceptance criteria:** The SNS user must become a system user. The "auth" component available on the repository must be reused (without modifications).
- US9: As an administrator, I want to register a vaccination center to respond to a certain pandemic.
- US10: As an administrator, I want to register an Employee.
  - **Acceptance criteria:** Each user must have a single role defined in the system. The "auth" component available on the repository must be reused (without modifications).
- US11: As an administrator, I want to get a list of Employees with a given function/role.
- US12: As an administrator, I intend to specify a new vaccine type.
- US13: As an administrator, I intend to specify a new vaccine and its administration process.

#### Sprint C: User Stories to develop

- US1: As a SNS user, I intend to use the application to schedule a vaccine.
  - **Acceptance criteria:** A SNS user cannot schedule the same vaccine more than once.
- US2: As a receptionist at one vaccination center, I want to schedule a vaccination.
  - **Acceptance criteria:** The algorithm should check if the SNS User is within the age and time since the last vaccine.
- US4: As a receptionist at a vaccination center, I want to register the arrival of a SNS user to take the vaccine.
  - **Acceptance criteria:** No duplicate entries should be possible for the same SNS user on the same day or vaccine period.
- US5: As a nurse, I intend to consult the users in the waiting room of a vaccination center.
  - **Acceptance criteria:** SNS Users' list should be presented by order of arrival.

- US14: As an administrator, I want to load a set of users from a CSV file.
  - o **Acceptance criteria:** The application must support importing two types of CSV files: a) one type must have a header, column separation is done using “;” character; b) the other type does not have a header, column separation is done using “,” character.
- US18: As a center coordinator, I want to get a list of all vaccines.
  - o **Acceptance criteria:** The vaccines should be grouped by their type and then alphabetically listed by its name.

### **Sprint D: User Stories to develop**

- *(available in the last day before the beginning of the sprint)*