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| Name: | R1: Consult patients. |
| Summary: | The user is able to consult a patient's name, age and vaccination scheme. |
| Input: | Patient's index. |
| Output: | Patient's name Patient's age Patient's vaccination scheme. |

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| Name: | R2: Actualize a patient's vaccine scheme |
| Summary: | The user can update a patient's scheme, saving the applied vaccines with their price. |
| Input: | Patient's vaccine scheme |
| Output: | Updated patient's scheme |

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| Name: | R3: Report of applied vaccines to a patient. |
| Summary: | The user can get a report of the vaccines applied to a patient |
| Input: | Patient's index |
| Output: | Patient's applied vaccines |

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| Name: | R4: Report of total amount gained by the clinic from vaccines |
| Summary: | The user can get a report of amount gained by the clinic from vaccines. |
| Input: | Clinic |
| Output: | Total amount gained by vaccines |

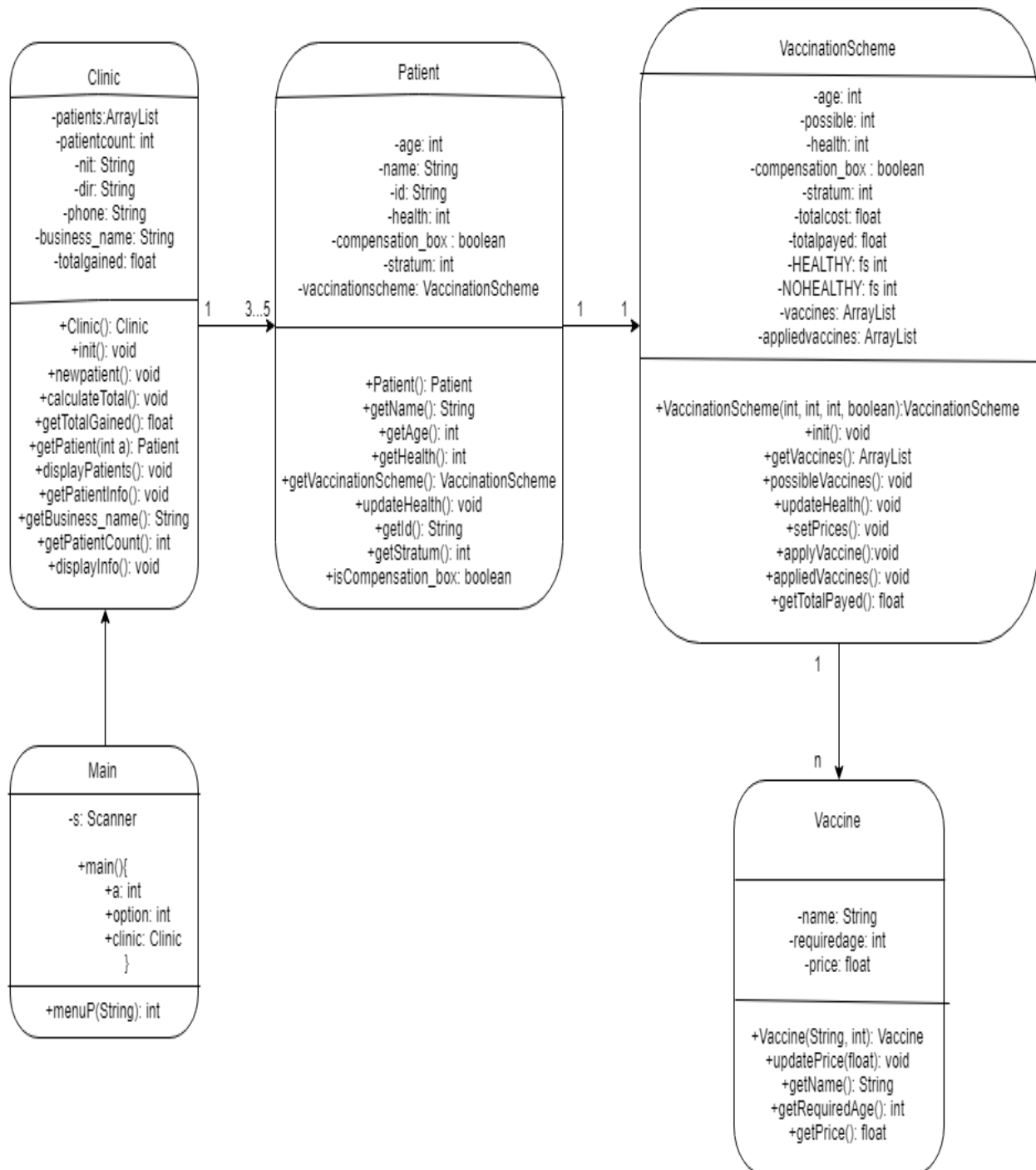
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| Name: | R5: Clinic's information |
| Summary: | The user can get a report with the information about the clinic, as: nit, dir, phone, business name. |
| Input: | Clinic |
| Output: | Clinic's nit Clinic's dir Clinic's phone Clinic's business name |

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| Name: | R6: Menu |
| Summary: | The user can move around different options through a menu. |
| Input: | A number that refers to an option. |
| Output: | The function selected by that number. |

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| R1: Consult patients. | Main.menuP(); clinic.getPatientInfo(); |
| R2: Actualize a patient's vaccine scheme. | Main.menuP(); clinic.displayPatients(); clinic.getPatient(index).getVaccinationScheme().applyVacine(); |
| R3: Report of applied vaccines to a patient. | Main.menuP(); clinic.displayPatients(); clinic.getPatient(index).getVaccinationScheme().appliedVaccines(); |
| R4: Report of total amount gained by the clinic from vaccines. | Main.menuP(); clinic.getTotalGained(); |
| R5: Clinic's information. | Main.menuP(); clinic.displayInfo(); |
| R6: Menu | Main.menuP(); |
| Rn+1: new functions | clinic.getPatient(index).updateHealth(); clinic.newPatient(); |

| Edad | Me protege de | Dosis |
|---------------|--|---------------|
| Recién nacido | Tuberculosis B.C.G | Única |
| | Hepatitis B | Recién Nacido |
| 2 Meses | Polio (Oral - IM) | 1ra |
| | PENTAVALENTE: Hepatitis B, Haemophilus Influenzae Tipo b y Difteria - Tosferina - Tetano (DPT) | 1ra |
| | Rotavirus | 1ra |
| | Neumococo | 1ra |
| | Polio (Oral - IM) | 2da |
| 4 Meses | PENTAVALENTE: Hepatitis B, Haemophilus Influenzae Tipo b y Difteria - Tosferina - Tetano (DPT) | 2da |
| | Rotavirus | 2da |
| | Neumococo | 2da |
| | Polio (Oral - IM) | 3ra |
| 6 Meses | PENTAVALENTE: Hepatitis B, Haemophilus Influenzae Tipo b y Difteria - Tosferina - Tetano (DPT) | 3ra |
| | Influenza | 1ra |
| 7 Meses | Influenza | 2da |
| 12 Meses | Sarampión Rubéola Paperas (SRP) | 1ra |
| | Fiebre Amarilla | 1ra |
| | Neumococo | Refuerzo |
| | Influenza | Anual |
| | Hepatitis A | ÚNICA |
| 18 Meses | Difteria - Tosferina Tétano (DPT) | 1er Refuerzo |
| | Polio (Oral - IM) | 1er Refuerzo |
| | Polio (Oral - IM) | 2do Refuerzo |
| 5 Años | Difteria - Tosferina Tétano (DPT) | 2do Refuerzo |
| | Sarampión Rubéola Paperas (SRP) | Refuerzo |

CLASS DIAGRAM



OBJECTS DIAGRAM