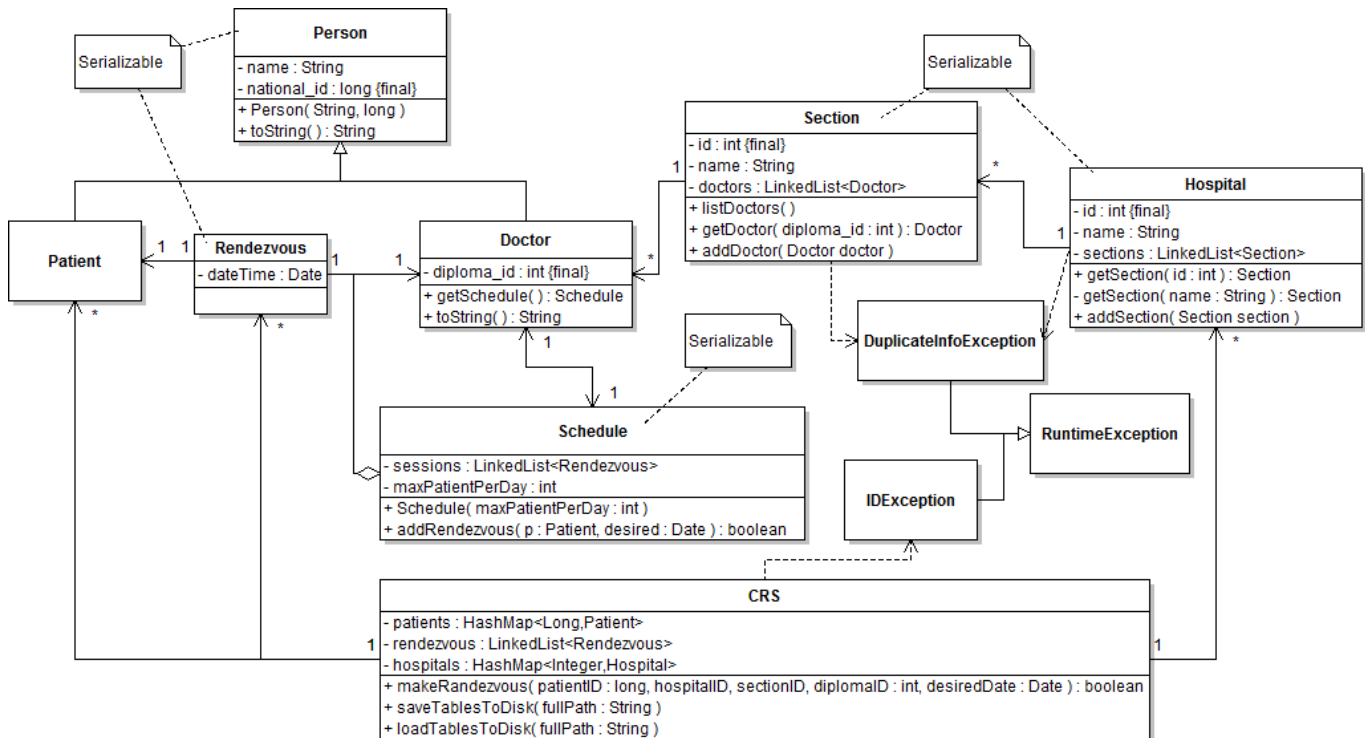


<b>Duration:</b>	90mins.		<b>Score:</b>				<b>Student Nr:</b>	<b>Std. Signature:</b>
<b>Grading:</b>	<b>1</b> 15	<b>2</b> 10	<b>3</b> 20	<b>4</b> 20	<b>5</b> 20	<b>6</b> 15	<b>Std. Name, Surname:</b>	

## QUESTIONS



Answer these questions according to the UML class schema given above. You may need to extract hidden information from the schema and add necessary code while answering the questions.

**Question 1:** Write the source code of class Doctor. The toString method of Doctor must call the toString method of its parent class.

**Question 2:** Write the source code of class DuplicateInfoException.

**Question 3:** Write the source code of class Section. A DuplicateInfoException must be generated if a doctor is to be added although another doctor with the same diploma ID already exists in the list.

**Question 4:** Write the source code of the addRendezvous method of class Schedule. This method must first determine the current rendezvous count in the desired date. If the maxPatientPerDay limit has been reached, the method must return false. In order to find whether two dates show the same day, check the equalities of Calendar.YEAR and Calendar.DAY\_OF\_YEAR.

**Question 5:** Write the source code of makeRendezvous method of class CRS. If there is an ID that cannot be found in the relevant data structure, an IDException must be generated.

**Question 6:** Write the source code of saveTablesToDisk method of class CRS.