

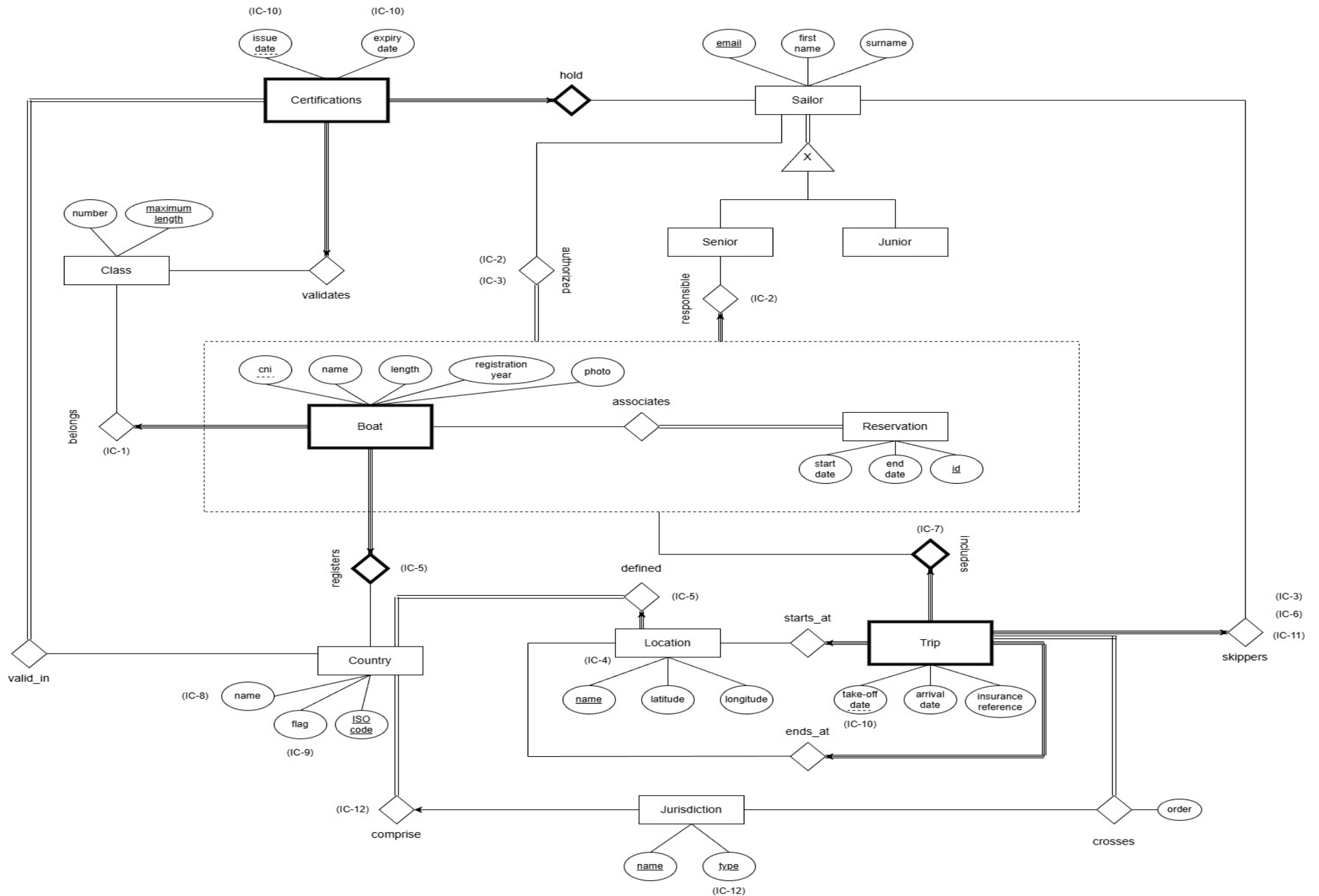
# SIBD Project - Part 1

**Group Number: 7**

Student Name	IST-ID	Contribution (%)	Effort (Hours)
Francisco Silva	103563	33.3%	21
Bárbara Morais	113250	33.3%	18
João Andrade	100477	33.3%	18

**Laboratory Teacher:** Prof. Francisco Regateiro

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IC	Description
(IC-1)	A Boat must have a length less than or equal to the maximum length of the Class it belongs to.
(IC-2)	A Senior Sailor can only be responsible for a Reservation if he/she is authorized for that same Reservation.
(IC-3)	A Sailor can only be the skipper of a Trip if he/she is authorized for the Reservation that includes that Trip.
(IC-4)	Any two distinct Locations must be at a distance greater than or equal to one nautical mile.
(IC-5)	A Country can only register a Boat if it has at least one Location defined.
(IC-6)	A Sailor can only be the skipper of a Trip if he/she holds a Certification that validates the Class the Boat belongs to.
(IC-7)	A Trip must have a take-off date and arrival date within the start date and end date of the Reservation that includes it.
(IC-8)	The Country's name is unique.
(IC-9)	The Country's flag is unique.
(IC-10)	The take-off date of a Trip must occur between the issue date and expiry date of the Certification.
(IC-11)	A Sailor can only be the skipper of a Trip that crosses a Jurisdiction comprising a Country if he/she holds a Certification that is valid in that same Country.
(IC-12)	A Jurisdiction of type 'International Waters' can never comprise a Country.