

Karting report

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User groups

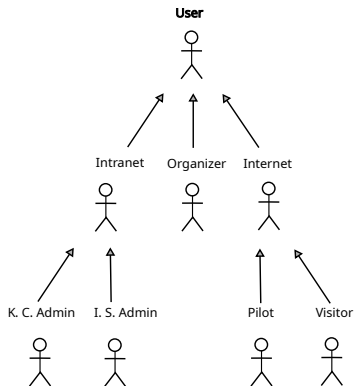
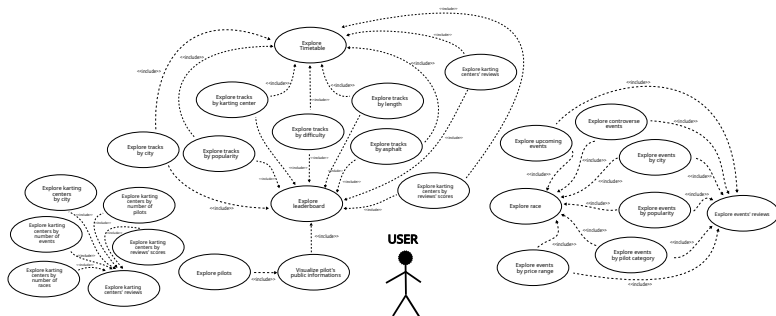
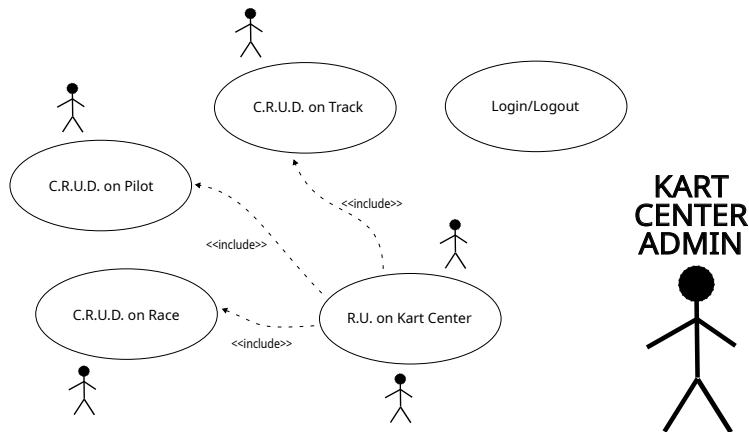
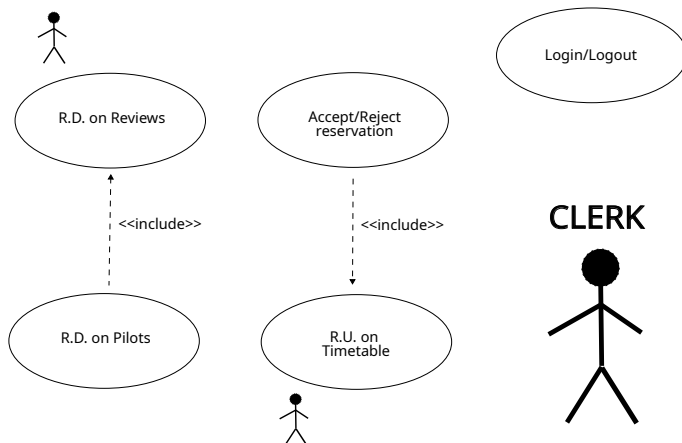


Figure: User groups

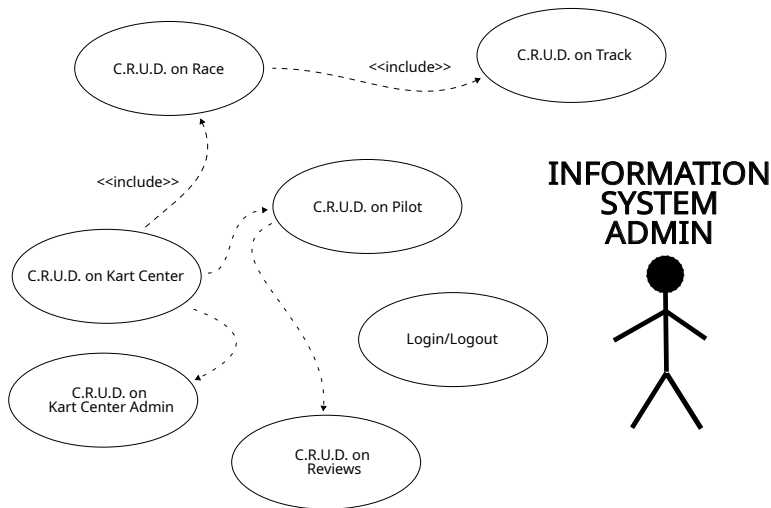


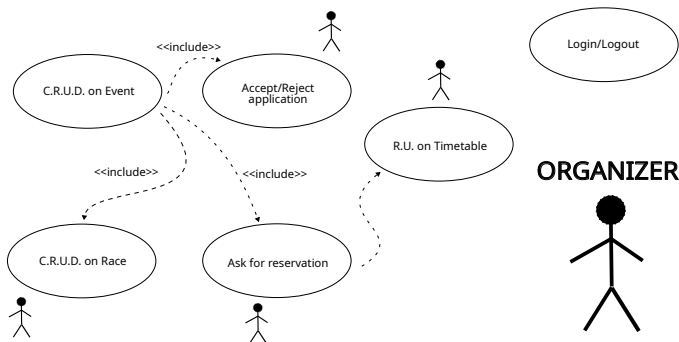
Kart center administrator

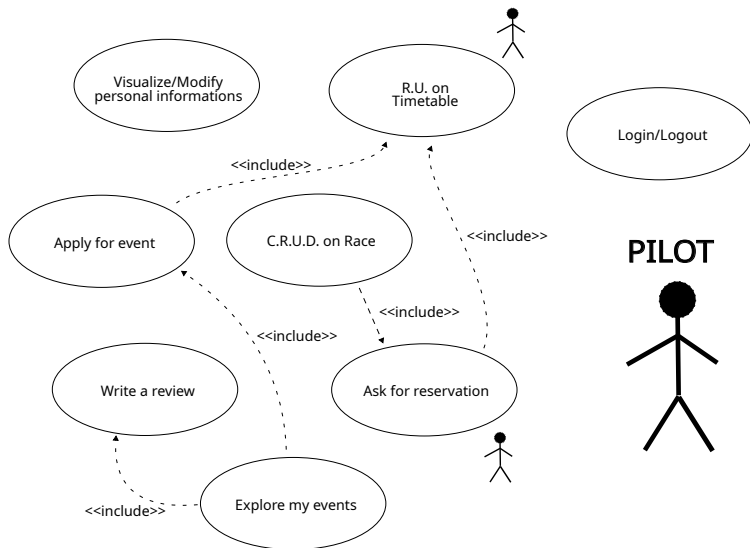




Information system administrator

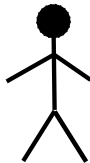








VISITOR



Karting center administrator

Group name	Karting center administrator
Profile data	Name, Surname, e-mail address, password, address, phone number
Super group	Intranet
Sub group	None
Relevant use cases	CRUD on events, races, pilots, tracks, leaderboard, login, logout
Read	All
Write	All

Group name	Pilot
Profile data	Name, Surname, e-mail address, password, address, phone number
Super group	Internet
Sub group	None
Relevant use cases	Create a race, Apply for an event, login, logout
Read	All
Write	Race, Leaderboard

Name	Karting center
Synonym	Go-karting center
Description	Karting center
Example of instance	Name: Mantova Karting Center City: Mantova nPilots: 5937 nRaces: 12485 nEvents:74 avgReviewScore: 3.9
Properties	Name: the name of the karting center City: the city where the karting center is located nPilots: the number of pilots that have raced in the karting center nRaces: the number of races that took place in the karting center nEvents: the number of events that had at least one race hosted by the karting center avgReviewScore: the average score of the reviews of the karting center
Components	None
Relations	KartingCenter.City (N:1): the city where the karting center is located KartingCenter.KartingCenterAdmin (N:1): the karting center administrator of the karting center KartingCenter.Clerk (1:N): the clerks of the karting center KartingCenter.KartingCenterReview (1:N): the reviews of the karting center KartingCenter.Track (1:N): the tracks of the karting center
Superconcepts	None
Subconcepts	None

Name	City
Synonym	None
Description	City
Example of instance	Name: Mantova
Properties	Name: the name of the city
Components	None
Relations	<p><i>City_KartingCenter</i> (1:N): the karting centers located in the city</p> <p><i>City_Track</i> (1:N): the tracks (inside a karting center) located in the city</p> <p><i>City_Event</i> (N:N): the events that had at least one race on a track of a karting center located in the city</p>
Superconcepts	None
Subconcepts	None

Name	Track
Synonym	Circuit
Description	Track
Example of instance	Name: T1 Length: 700m City: Mantova Asphalt Type: resin nRentalGoKarts: 23 Difficulty: Intermediate nPilots: 3873 nRaces: 7437 nEvents: 43 avgReviewScore: 4.2
Properties	Name: the name of the track Length: the length of the track City: the city where the karting center the track belongs to is located Asphalt Type: the type of asphalt of the track nRentalGoKarts: the number of rental go-karts available in the track Difficulty: the difficulty of the track nPilots: the number of pilots that have raced on the track nRaces: the number of races that took place on the track nEvents: the number of events that had at least one race on the track avgReviewScore: the average score of the reviews of the track
Components	Timetable: the timetable of the track Leaderboard: the leaderboard of the track
Relations	Track_KartingCenter (N:1): the karting center the track belongs to
Superconcepts	None
Subconcepts	None