UNICAR

USER STORIES:

FORSE GIUSTE:

- As a unregistered user, I want to register myself, so that I can use the system's features.
- As a first access student, I want a tutorial about system utilization, so that I can easily learn

Studente:
- As a student, I want to view a list of available lifts, so that I can book one of them.

- As a student, I want a reputation system, so that I can avoid drivers with **bad reputation**.

- As a student, I want a report system, so that I can warn the moderators about problems (eg car crash, dangerous user, missed lift etc)

- As a student, I want to communicate with **lift related students**, so that we can coordinate with each other **(eg. Meeting point, traffic and possible delay)**.

Studente macchina:
- As a driver, I want to declare my availability, so that I can offer a lift and **not travel alone.**

- **As a driver, I want to add (and edit) **text notes** to my availability declaration, so that I can provide additional information about the lift.

- As a driver, I want to define restrictions about the lift, so that only compatible students can book the ride.

- Ad a driver, I want to define a blacklist, so that I can avoid unpleasant students.

Moderatore:
- As a moderator, I want to handle reports, so that I can take actions against trasgressors.

Personal info: Telephone number, ecc.
Routine Information: schedule, building, home position.
Car Info: seats disponibility, pick-up range, drop-off range.

Studente:
- Definire **routine information.** → schedule, building, home position, preferencies
- Cercare un passaggio in qualsiasi momento → lista dei passaggi disponibili.
- Recensire a fine corsa (upvote – downvote).
- Segnalare al sistema in caso di problemi. (mancata corsa, incidente, utente pericoloso ecc)
- *Chat per comunicare col guidatore + numero di telefono.

Studente macchina:
- Creare profilo macchina → Car Info (+targa)
- Dare la conferma (broadcast) disponibilità per giorno successivo → aperte prenotazioni.
- Voglio aggiungere note sul passaggio.
- Voglio segnalare di essere partito → chiuse prenotazioni.
- Blacklist (cyberbullismo, evitare persone sgradite) → opzionale.

Admin:
- Vedere le valutazioni dei guidatori.
- Inviare warning e gestire i reclami→ (da decidere soglia negativa della reputazione).
- Accesso al database de tutto

FUNCTIONAL REQUIREMENTS:

1. The login system shall request email or matriculation number, password and user role (moderator or student).
2. The registration system shall request students their matriculation number, email, password, phone number and **routine information.**
3. The registration system shall verify the matriculation number via university database.
4. The registration system shall retrieve users' personal information (eg. First name, last name, personal picture) from university database.
5. The registration system shall allow the users to define their **car info**.
6. The system shall allow the users to update their **profile**.
7. The system shall find available drivers based on their **lift restrictions.**
8. The system shall display the available drivers and allow the students to book one of them.
9. The system shall request the students to rate their last completed lift
10. The system shall allow the users to send reports about **lift related students** once the lift is completed.
11. The system shall hide students' blacklisted drivers from their available drivers.
12. ****The system shall provide a personal blacklist to every students.
13. The system shall prevent <u>students with car's</u> blacklisted students from booking their lifts.
14. The system shall allow the user to add other users to their black list.
15. The system shall allow the users to chat with lift related users: drivers and other passengers.
16. The system shall allow the students with car to declare their availability and their **lift restrictions**.
17. The system shall allow the students with car to close bookings of their lifts.
18. The system shall close the booking of a lift after the driver's max departure time (see lift restrictions).
19. The system shall allow the students with car to add text notes to their availability declaration.
20. The system shall request the students with car to declare the completion of the lift once arrived at destination.
21. The system shall send reports about students with car when their reputation goes below reputations threshold set by moderators.
22. The system shall allow the moderator to read reports.
23. The system shall allow the moderator to send email to users.
24. The system shall allow the moderator to ban users.

DICTIONARY:

- Routine Information, includes:
  - Pick-up position
  - Class schedule
  - Drop-off position
- Car info, includes:
  - Seats availability
  - Car model
  - Car colour
  - Car plate
- Profile, includes:
  - Routine info
  - Car info
  - Blacklist
  - Personal info
  - Email, password and phone number
- Lift restrictions, includes:
  - Minimum and maximum departure time
  - Minimum and maximum arrival time
  - Route (se possibile mettiamo il percorso altrimenti ciccia)
  - Smoker allowed (or not)
- Lift related students:
  - Passengers that have booked the same lift.
  - Driver of the lift.