ITAS 185 Project 03 Class Diagram
Matthias De Gisi

<<Vehicle>>

- model: str
- colour: str
- speed: float
- position: float
- acceleration_change: list
- weight_values: tuple

- __init__(): None
+ set_position(): None
+ set_speed(): None
+get_model(): str
+ get_colour: str
+ get_speed(): float
+ get_position(): float
+ get_position_int(): int
+ move(): None
-<accelerate(): None
- <<get_icon()>>: None
- __repr__(): str
-__lt__(): bool
- __str__(): str

RaceTrack

- name: str
- length: int
- race_is_won: bool
- animation_list: list

+ get_name(): str
+ get_length(): int
+ print_track(): None
+ get_race_is_won(): bool
+ set_race_is_won(): None
+ print_champions(): None
+ find_champions(): list
+ animation(): None

Motorcycle

- model: str
- colour: str
- speed: float
- position: float
- accel: float

- __init__(): None
- accelerate(): None
- get_icon(): str
- __repr__(): str
- __str__(): str

Truck

- model: str
- colour: str
- speed: float
- position: float
- is_diesel: bool

- __init__(): None
- accelerate(): None
- get_icon(): str
- __repr__(): str
- __str__(): str

Tesla

- model: str
- colour: str
- speed: float
- position: float
- is_two_motor: bool

- __init__(): None
- accelerate(): None
- get_icon(): str
- __repr__:() str
- __str__(): str