Railway System UML Design

RailwayManager

- \_employees: AbstractRailwayEmployee

- \_next\_available\_id: int

- \_first\_name

- \_last\_name

- \_employee\_id

- \_date\_started

AbstractRailwayEmployee

+ add\_employee

+ remove\_employee

+ get\_employee

+ employee\_exists

+ get\_all\_employees

+ get\_all\_by\_type

+ update\_employee

+get\_station\_name

+get\_station\_id

*+ get\_details*

*+ get\_type*

+ get\_all\_details

- \_first\_name

- \_last\_name

- \_employee\_id

- \_date\_started

- \_station\_name

- \_station\_id

Dispatcher

+ get\_train\_named

+ get\_train\_id

*+ get\_details*

*+ get\_type*

- \_first\_name

- \_last\_name

- \_employee\_id

- \_date\_started

- \_train\_name

- \_train\_id

TrainDriver

+ set\_id

+ get\_first\_name

+ get\_last\_name

+ get\_full\_name

+ get\_employee\_id

+ get\_date\_started

+ get\_details

+ get\_type