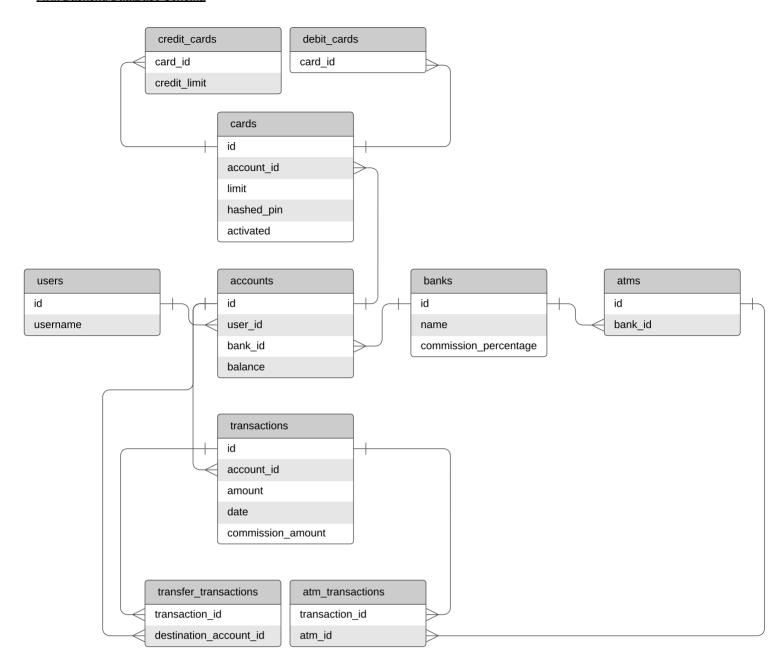
ATM Backend DataBase Schema



To simplify the development, the IBAN corresponds to the account ID and the validation of the IBAN consists of checking whether an account with this ID exists.

For transactions we use the same method as explained below for cards. We store the commissions in the parent, these can be 0 which would mean there is no commission.

Below is an explanation of the different inheritance options and a brief explanation.

hashed_pin credit_limit activated

			This is the option I like the
cards	credit_cards	debit_cards	most because it has none of
id	card_id	card_id	the disadvantages of the options below.
account_id	credit_limit		options below.
limit			
hashed_pin			
activated			
			t altal anna alla anna allata
credit_cards	debit_card		I did not choose this because any changes to cards would have to be applied to both boards (or more, if there were more card types).
id	id		
account_id	account_id		
limit	limit		
credit_limit	hashed_pin		
hashed_pin	activated		
activated			
cards			I did not choose this because it implies a field
id			that a card type does not
account_id			use and would have a lot of nulls. Also, any additional
limit			fields of a card type will have
credit_limit			to be for all the different card types.