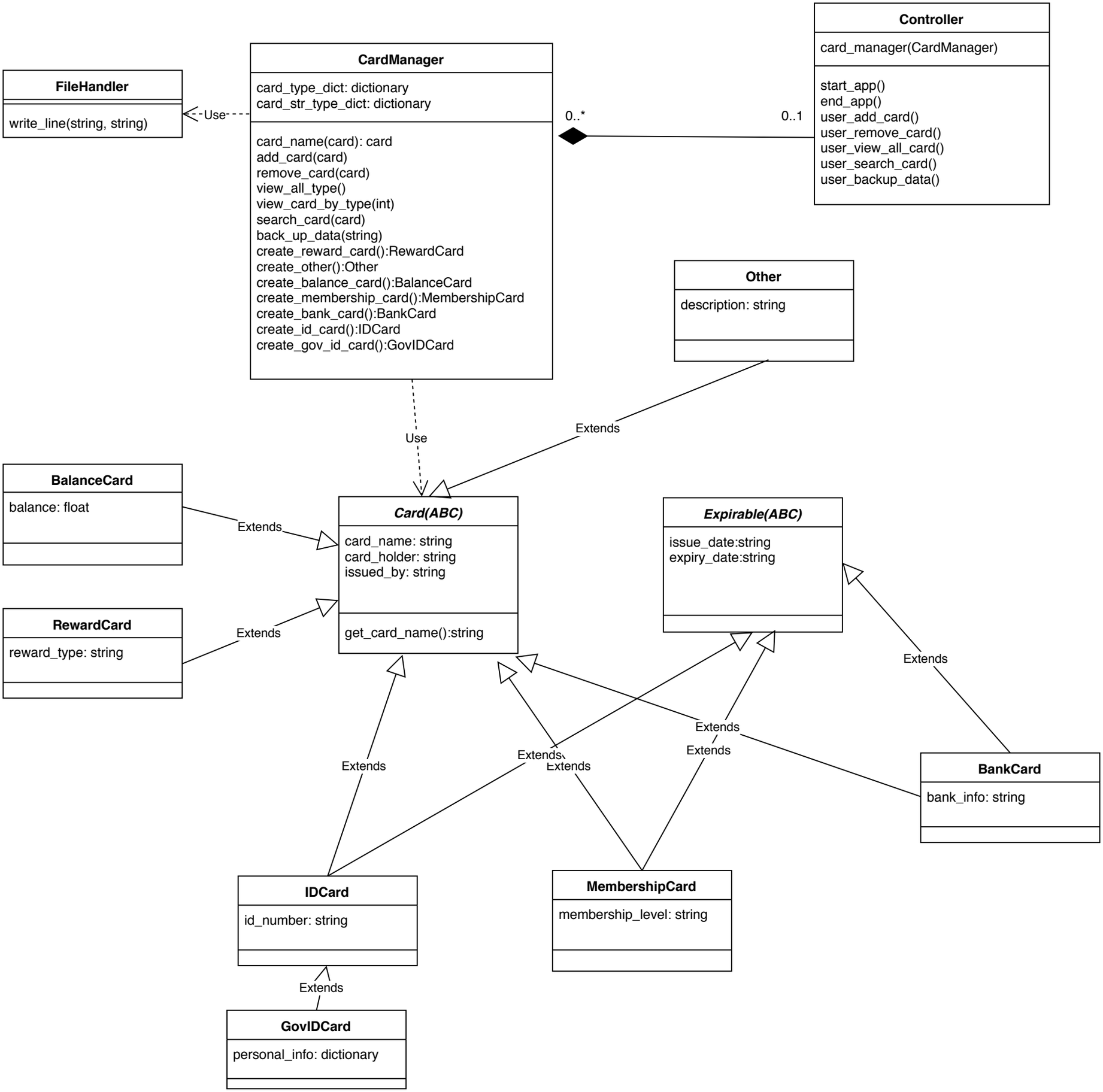
Controller
card_manager(CardManager)
start_app()
end_app()
user_add_card()
user_remove_card()
user_view_all_card()
user_search_card()
user_backup_data()
FileHandler
write_line(string, string)
Use
CardManager
card_type_dict: dictionary
card_str_type_dict: dictionary
card_name(card): card
add_card(card)
remove_card(card)
view_all_type()
view_card_by_type(int)
search_card(card)
back_up_data(string)
create_reward_card():RewardCard
create_other():Other
create_balance_card():BalanceCard
create_membership_card():MembershipCard
create_bank_card():BankCard
create_id_card():IDCard
create_gov_id_card():GovIDCard
0..*
0..1
Other
description: string
Extends
Use
BalanceCard
balance: float
Extends
Card(ABC)
card_name: string
card_holder: string
issued_by: string
get_card_name():string
Expirable(ABC)
issue_date:string
expiry_date:string
RewardCard
reward_type: string
Extends
Extends
Extends
Extends
Extends
Extends
Extends
BankCard
bank_info: string
IDCard
id_number: string
MembershipCard
membership_level: string
Extends
GovIDCard
personal_info: dictionary