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| Book Equipment | |
| Actors | Member, Equipment |
| Description | A member books a piece of equipment by selecting the equipment and calendar dates that they intend to borrow it. |
| Data | Equipment type, dates to borrow |
| Stimulus | Member selects an option to book equipment |
| Response | Equipment is booked provided sufficient Florin balance. |
| Comments |  |

Use Case tables

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| Request Equipment | |
| Actors | Member, Equipment |
| Description | A member requests a piece of equipment for use. |
| Data | Equipment type |
| Stimulus | Member selects an option to request equipment |
| Response | Member which owns selected equipment is contacted |
| Comments |  |

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| Auto-Check Balance | |
| Actors | Member, Equipment |
| Description | The account balance of the member is checked before a piece of equipment can be borrowed. |
| Data | Equipment type, Member ID, Account Balance |
| Stimulus | Triggered when a member tries to book a piece of equipment |
| Response | The balance of the member’s account will be returned |
| Comments |  |

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| Reject Transaction | |
| Actors | Member, Equipment |
| Description | The transaction that would be executed is rejected |
| Data | Equipment type, Member ID, Account Balance |
| Stimulus | Triggered when a member tries to book a piece of equipment and they don’t have sufficient Florin balance to book it. |
| Response | The transaction is not executed. |
| Comments |  |

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| Lock Account | |
| Actors | Member, Equipment |
| Description | The account of a member with a Florin balance of 0 or less is locked |
| Data | Equipment type, Member ID, Account Balance |
| Stimulus | Triggered when a member’s balance is checked and it has a negative Florin balance |
| Response | Member’s account is locked |
| Comments |  |

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| Add Equipment | |
| Actors | Member, Equipment |
| Description | A member adds a piece of equipment for use by other users, along with suitable information. |
| Data | Equipment type, name, description, image (if available), daily Florin rate, calendar dates equipment is available |
| Stimulus | Member selects an option to add equipment |
| Response | Piece of equipment is added to the system. |
| Comments |  |

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| Remove Equipment | |
| Actors | Member, Equipment |
| Description | A member removes a piece of equipment from the system. |
| Data | Equipment type |
| Stimulus | Member selects an option to remove equipment |
| Response | Piece of equipment is added to the system. |
| Comments |  |

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| Adjust Available Dates | |
| Actors | Member, Equipment |
| Description | A member changes the dates for which a piece of equipment is available. |
| Data | Equipment type, dates that it’s available for |
| Stimulus | Member selects an option to adjust available dates |
| Response | Availability dates are updated |
| Comments |  |

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| Check Balance | |
| Actors | Member |
| Description | A member is able to check their current Florin balance |
| Data | Member ID, Account Balance |
| Stimulus | Member selects an option to check their current balance |
| Response | The balance of the member’s account will be displayed to them |
| Comments |  |

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| --- | --- |
| Set Daily Florin Rate | |
| Actors | Administrator |
| Description | The administrator sets the daily Florin rate for equipment |
| Data | Florin rate, equipment type |
| Stimulus | Administrator selects option to set Florin rate |
| Response | Daily Florin rates are set |
| Comments |  |

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| --- | --- |
| Reinstate Member | |
| Actors | Administrator, Member |
| Description | The administrator reinstates a member after they have successfully appealed a ban. |
| Data | Member ID |
| Stimulus | Administrator selects option to reinstate member |
| Response | Member is reinstated |
| Comments |  |

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| Create Account | |
| Actors | Member |
| Description | Member creates an account, entering all the relevant details. |
| Data |  |
| Stimulus | Administrator selects option to set Florin rate |
| Response | Daily Florin rates are set |
| Comments |  |

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| --- | --- |
| Add 20 Florins | |
| Actors | Member |
| Description | Adds 20 Florins to each account created |
| Data | Member ID, Account number |
| Stimulus | Triggered when a new account is created |
| Response | Florins are added to new account |
| Comments | Included with Create Account |