## Mobile App

Use Cases

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| **Launch Application** |
| **ID:**  Use Case 1 |
| **Actors:**  User |
| **Preconditions:**  Application is installed |
| **Flow of Events:**   1. Player clicks on MoneyBadger app icon 2. App is loaded 3. <<include>> Welcome Page Initial Login Use Case |
| **Post Conditions:**  Welcome Screen is displayed |

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| **Welcome Page Initial Login** |
| **ID:**  Use Case 2 |
| **Actors:**  User |
| **Preconditions:**  First launch of the app |
| **Flow of Events:**   1. User creates new profile; inputs Name 2. User inputs Password and again to confirm 3. User clicks Confirm button |
| **Post Conditions:**  User’s information is saved  User is logged in  Home Page is opened |

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| **Home Page** |
| **ID:**  Use Case 3 |
| **Actors:**  User |
| **Preconditions:**  User logged in |
| **Flow of Events:**   1. Income, Expenditure and Savings totals are displayed |
| **Post Conditions:** |

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| **Add Income** |
| **ID:**  Use Case 4 |
| **Actors:**  User |
| **Preconditions:**  App is running  User is logged in |
| **Flow of Events:**   1. User opens Add Income page with the Add Income button 2. User chooses Type of Income 3. User inputs Amount 4. User choses time of income 5. User clicks Confirm button |
| **Post Conditions:**  Income is saved to user’s profile  Total budget savings are recalculated  Home Page is opened |

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| **Add Expenditure** |
| **ID:**  Use Case 5 |
| **Actors:**  User |
| **Preconditions:**  App is running  User is logged in |
| **Flow of Events:**   1. User opens the Add Expenditure page using the Add Expenditure button 2. User chooses Type of expenditure 3. User inputs Amount 4. User choses time of expenditure 5. User clicks Confirm button |
| **Post Conditions:**  Expenditure is saved to user’s profile  Total budget savings are recalculated  Home Page is opened |

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| **Settings** |
| **ID:**  Use Case 6 |
| **Actors:**  User |
| **Preconditions:**  App is running |
| **Flow of Events:**   1. User opens settings form the home page 2. User chooses Edit Details, Generate .csv or Reset Budget Data |
| **Post Conditions:**  Edit details page is opened  Or .csv is generated  Or Budget data is reset |

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| Current Budget Page |
| ID:  Use case 7 |
| Actors :  User |
| Preconditions:  Current budget page is being displayed |
| Flow of Events:   1. Back button selected 2. The system navigates the user to the homepage. 3. <<Include>> homepage use case. 4. Use case ends. |
| Post conditions:  Navigates the user to the homepage. |

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| Current Budget Page |
| ID:  Use case 8 |
| Actors :  User |
| Preconditions:  Current budget page is being displayed |
| Flow of Events:   1. Reminder button selected 2. The system navigates the user to the set reminder page. 3. <<Include>> set reminder page use case. 4. Use case ends. |
| Post conditions:  The system navigates the user to the set reminder page. |

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| Current Budget Page |
| ID:  Use case 9 |
| Actors :  User |
| Preconditions:  Current budget page is being displayed  A reminder has been previously set. |
| Flow of Events:   1. Reminder button selected 2. The system navigates the user to the edit reminder page. 3. <<Include>> edit reminder page use case. 4. Use case ends. |
| Post conditions:  The system navigates the user to the edit reminder page. |

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| Current Budget Page |
| ID:  Use case 10 |
| Actors :  User |
| Preconditions:  Current budget page is being displayed  Edit button selected on an existing income. |
| Flow of Events:   1. Edit button selected 2. The system navigates the user to the edit income page. 3. <<Include>> edit income page use case. 4. Use case ends. |
| Post conditions:  The system navigates the user to the edit income page. |

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| Current Budget Page |
| ID:  Use case 11 |
| Actors :  User |
| Preconditions:  Current budget page is being displayed  Edit button selected on an existing expenditure. |
| Flow of Events:   1. Edit button selected 2. The system navigates the user to the edit expenditure page. 3. <<Include>> edit expenditure page use case. 4. Use case ends. |
| Post conditions:  The system navigates the user to the edit expenditure page. |

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| Current Budget Page |
| ID:  Use case 12 |
| Actors :  User |
| Preconditions:  Current budget page is being displayed  Swipe right. |
| Flow of Events:   1. Swiped. 2. The system navigates the user to the budget history page. 3. <<Include>> budget history page use case. 4. Use case ends. |
| Post conditions:  The system navigates the user to the budget history page. |

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| Budget History Page |
| ID:  Use case 13 |
| Actors :  User |
| Preconditions:  Budget history page is being displayed  Back button selected. |
| Flow of Events:   1. Back button selected 2. The system navigates the user to the homepage. 3. <<Include>> homepage use case. 4. Use case ends. |
| Post conditions:  The system navigates the user to the homepage. |

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| Budget History Page |
| ID:  Use case 14 |
| Actors :  User |
| Preconditions:  Budget History page is being displayed  Swipe left. |
| Flow of Events:   1. Swiped. 2. The system navigates the user to the current budget page. 3. <<Include>> current budget page use case. 4. Use case ends. |
| Post conditions:  The system navigates the user to the current budget page. |

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| Edit Income Page |
| ID:  Use case 15 |
| Actors :  User |
| Preconditions:  Edit income page is being displayed  Back button selected. |
| Flow of Events:   1. Back button selected 2. The system navigates the user to the homepage. 3. <<Include>> homepage use case. 4. Use case ends. |
| Post conditions:  The system navigates the user to the homepage. |

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| Edit Income Page |
| ID:  Use case 16 |
| Actors :  User |
| Preconditions:  Edit income page is being displayed  Delete button selected. |
| Flow of Events:   1. Delete button selected 2. Clears all inputs and deletes the income element. 3. The system navigates the user to the homepage. 4. <<Include>> homepage use case. 5. Use case ends. |
| Post conditions:  The system navigates the user to the homepage. |

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| Edit Income Page |
| ID:  Use case 17 |
| Actors :  User |
| Preconditions:  Edit income page is being displayed  Confirm button selected. |
| Flow of Events:   1. Confirm button selected 2. Adds income element with given details. 3. The system navigates the user to the current budget page. 4. <<Include>> current budget page use case. 5. Use case ends. |
| Post conditions:  The system navigates the user to the current budget page. |

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| Edit Expenditure Page |
| ID:  Use case 18 |
| Actors :  User |
| Preconditions:  Edit Expenditure Page is being displayed  Back button selected. |
| Flow of Events:   1. Back button selected 2. The system navigates the user to the homepage. 3. <<Include>> homepage use case. 4. Use case ends. |
| Post conditions:  The system navigates the user to the homepage. |

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| Edit Expenditure Page |
| ID:  Use case 19 |
| Actors :  User |
| Preconditions:  Edit Expenditure Page is being displayed  Delete button selected. |
| Flow of Events:   1. Delete button selected 2. Clears all inputs and deletes the expenditure element. 3. The system navigates the user to the homepage. 4. <<Include>> homepage use case. 5. Use case ends. |
| Post conditions:  The system navigates the user to the homepage. |

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| Edit Expenditure Page |
| ID:  Use case 20 |
| Actors :  User |
| Preconditions:  Edit Expenditure Page is being displayed  Confirm button selected. |
| Flow of Events:   1. Confirm button selected 2. Adds expenditure element with given details. 3. The system navigates the user to the current budget page. 4. <<Include>> current budget page use case. 5. Use case ends. |
| Post conditions:  The system navigates the user to the current budget page. |

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| Set Reminder Page |
| ID:  Use case 21 |
| Actors :  User |
| Preconditions:  Set Reminder Page is being displayed  Confirm button selected. |
| Flow of Events:   1. Confirm button selected 2. Adds reminder with given details. 3. The system navigates the user to the current budget page. 4. <<Include>> current budget page use case. 5. Use case ends. |
| Post conditions:  The system navigates the user to the current budget page. |

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| Set Reminder Page |
| ID:  Use case 22 |
| Actors :  User |
| Preconditions:  Set Reminder Page is being displayed  Back button selected. |
| Flow of Events:   1. Back button selected 2. The system navigates the user to the homepage. 3. <<Include>> homepage use case. 4. Use case ends. |
| Post conditions:  The system navigates the user to the homepage. |

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| Edit Reminder Page |
| ID:  Use case 23 |
| Actors :  User |
| Preconditions:  Edit Reminder Page is being displayed  Confirm button selected. |
| Flow of Events:   1. Confirm button selected 2. Replaces reminder with given details. 3. The system navigates the user to the current budget page. 4. <<Include>> current budget page use case. 5. Use case ends. |
| Post conditions:  The system navigates the user to the current budget page. |

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| Edit Reminder Page |
| ID:  Use case 24 |
| Actors :  User |
| Preconditions:  Edit Reminder Page is being displayed  Back button selected. |
| Flow of Events:   1. Back button selected 2. The system navigates the user to the homepage. 3. <<Include>> homepage use case. 4. Use case ends. |
| Post conditions:  The system navigates the user to the homepage. |

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| Edit Reminder Page |
| ID:  Use case 25 |
| Actors :  User |
| Preconditions:  Edit Reminder Page is being displayed  Delete button selected. |
| Flow of Events:   1. Delete button selected 2. Clears all inputs and deletes the reminde. 3. The system navigates the user to the homepage. 4. <<Include>> homepage use case. 5. Use case ends. |
| Post conditions:  The system navigates the user to the homepage. |