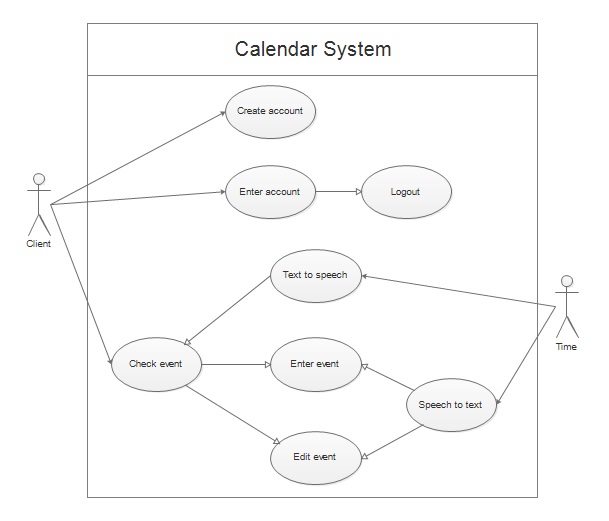
**Use-Case Glossary**

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| **Use-Case Glossary** | | |
| **Use-Case Name** | **Use-Case Description** | **Participating  Actors and Roles** |
| Create account | This use case describes the event of creating a new account. | Client |
| Enter account | This use case describes the event of a client entering their account and password. | Client |
| Enter event | This use case describes the event of a client add new event into their calendar | Client |
| Check event | This use case describes the event of a client checking in their calendar | Client |
| Text to speech | This use case describes the event of automatically generate a speech from text. | Time |
| Speech to text | This use case describes the event of automatically transferring speech to text | Time |
| Edit event | This use case describes the event of editing event in the calendar | Client |
| Logout | This use case describes the event of logout user’s account | Client |

**Use-Case Model Diagram**



Use-Case Narrative

Calendar System

Author: Wong Ho Long Date: 3/5/15

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| --- | --- | --- | --- |
| Use-Case Name: | Create account | | Use case type  Business Requirement |
| Use-Case ID: | FYP-001 | |
| Priority: | High | |
| Source: |  | |
| Primary System Actor: | Client | | |
| Primary Business Actor: | Client | | |
| Other participating Actors: |  | | |
| Other Interested Stakeholders: |  | | |
| Description: | This use case describes the event of a new client register to the system | | |
| Precondition: | Nope | | |
| Trigger: | The use case is initiated when the user selects this option from the user interface | | |
| Typical Course of Events: | Actor Action | System Response | |
| Step 1: This use case is initiated when the user’s click  Step 3: The user input he’s email to account field  Step 5: The user inputs he’s password  Step 7: The user inputs he’s password in password confirm field  Step 9: The user clicks Register button | Step 2: The system responds by displaying register page  Step 4: The system check the account input is valid (an email) or not and responds by displaying a tick  Step 6: The system check the password input is valid (long than 8 length) or not and responds by displaying a tick and password confirm field can be inputted  Step 8: The system check the password and password confirm is same or not, if same responds by displaying a tick  Step 10: The system stores those data into database and responds by displaying login page | |
| Alternate Courses: | Alt Step 4a, 6a, 8a: If the user input invalidly, the system will responds with a cross.  Alt Step 3a, 5a, 7a: If the user do not input all the field, the system will responds by displaying a pop-up message to hints user. | | |
| Conclusion: | This use case concludes when the system saved the registration information | | |
| Postcondition: | Nope | | |
| Business Rules: | Nope | | |
| Implementation Constraints and Specifications: | Web programming and Database to be used so clients can use it easily, and client’s input can be stored | | |
| Assumptions: | Nope | | |
| Open Issues: | Nope | | |

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| --- | --- | --- | --- |
| Use-Case Name: | Enter account | | Use case type  Business Requirement |
| Use-Case ID: | FYP-002 | |
| Priority: | High | |
| Source: |  | |
| Primary System Actor: | Client | | |
| Primary Business Actor: | Client | | |
| Other participating Actors: |  | | |
| Other Interested Stakeholders: |  | | |
| Description: | This use case describes the event of a client log-on to the system with their account | | |
| Precondition: | The user must have their own account | | |
| Trigger: | The use case is initiated when the user wants to use the system | | |
| Typical Course of Events: | Actor Action | System Response | |
| Step 1: This use case is initiated when user go to the web page  Step 3: The user input he’s account and password | Step 2: The system responds by displaying the login page  Step 4: The system check the inputted account and password check whether the account is existed or not and responds by displaying index page | |
| Alternate Courses: | Alt Step 4a: If the input is invalid, the system will responds by displaying error message. | | |
| Conclusion: | This use case concludes when the user login success | | |
| Postcondition: | Nope | | |
| Business Rules: | Nope | | |
| Implementation Constraints and Specifications: | Web programming and Database to be used so clients can use it easily, and client’s input can be stored | | |
| Assumptions: | User registered an account | | |
| Open Issues: | Nope | | |

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| --- | --- | --- | --- |
| Use-Case Name: | Check event | | Use case type  Business Requirement |
| Use-Case ID: | FYP-003 | |
| Priority: | High | |
| Source: |  | |
| Primary System Actor: | Client | | |
| Primary Business Actor: | Client | | |
| Other participating Actors: |  | | |
| Other Interested Stakeholders: |  | | |
| Description: | This use case describes the event of a client view events in their calendar | | |
| Precondition: | The user must have previously logged on so that system can identify the user as a particular client | | |
| Trigger: | The use case is initiated when the user login to the system | | |
| Typical Course of Events: | Actor Action | System Response | |
| Step 1: This use case is initiated when the user login | Step 2: The system responds by displaying calendar page and event | |
| Alternate Courses: | Step 3: The user can choose display method (by day or by month) | | |
| Conclusion: | This use case concludes when the system loaded and displayed event information | | |
| Postcondition: | Nope | | |
| Business Rules: | Nope | | |
| Implementation Constraints and Specifications: | Web programming and Database to be used so clients can use it easily, and client’s event can be displayed | | |
| Assumptions: | User registered an account | | |
| Open Issues: | Nope | | |

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| --- | --- | --- | --- |
| Use-Case Name: | Text to speech | | Use case type  Business Requirement |
| Use-Case ID: | FYP-004 | |
| Priority: | High | |
| Source: |  | |
| Primary System Actor: | Client | | |
| Primary Business Actor: | Client | | |
| Other participating Actors: |  | | |
| Other Interested Stakeholders: |  | | |
| Description: | This use case describes the event of system play voice to client | | |
| Precondition: | The user must have previously logged on so that system can identify the user as a particular client and user must open the check events interface | | |
| Trigger: | The use case is initiated when the user login | | |
| Typical Course of Events: | Actor Action | System Response | |
| Step 1: This use case is initiated when use login | Step 2: The system get event information from database and transfer it to voice and responds by playing the voice to user | |
| Alternate Courses: |  | | |
| Conclusion: | This use case concludes when the system play the voice document | | |
| Postcondition: | Nope | | |
| Business Rules: | Nope | | |
| Implementation Constraints and Specifications: | Web programming and Database to be used so clients can use it easily, and client’s event information can be accessed | | |
| Assumptions: | User registered an account, User’s device has speaker | | |
| Open Issues: | Nope | | |

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| --- | --- | --- | --- |
| Use-Case Name: | Enter event | | Use case type  Business Requirement |
| Use-Case ID: | FYP-005 | |
| Priority: | High | |
| Source: |  | |
| Primary System Actor: | Client | | |
| Primary Business Actor: | Client | | |
| Other participating Actors: |  | | |
| Other Interested Stakeholders: |  | | |
| Description: | This use case describes the event of a client add new event into their calendar | | |
| Precondition: | The user must have previously logged on so that system can identify the user as a particular client and user must open the check events interface | | |
| Trigger: | The use case is initiated when the user selects this option from the user interface | | |
| Typical Course of Events: | Actor Action | System Response | |
| Step 1: This use case is initiated when the user click  Step 3: The user may choose the edit detail option  Step 5: The user inputs all the event information and click the save button. | Step 2: The system responds by displaying a dialog box with title input, save and edit detail.  Step 4: The system responds by displaying a pop-up window with event detail, save and cancel button.  Step 6: The system saves those information and pop up a success message | |
| Alternate Courses: | Alt Step 3a: If the user click the save button, the system will saves the title and other ‘detail’ information that by system default. | | |
| Conclusion: | This use case concludes when the system saved the event information | | |
| Postcondition: | Nope | | |
| Business Rules: | Nope | | |
| Implementation Constraints and Specifications: | Web programming and Database to be used so clients can use it easily, and client’s input can be stored | | |
| Assumptions: | User registered an account | | |
| Open Issues: | Nope | | |

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| --- | --- | --- | --- |
| Use-Case Name: | Edit event | | Use case type  Business Requirement |
| Use-Case ID: | FYP-006 | |
| Priority: | High | |
| Source: |  | |
| Primary System Actor: | Client | | |
| Primary Business Actor: | Client | | |
| Other participating Actors: |  | | |
| Other Interested Stakeholders: |  | | |
| Description: | This use case describes the event of a client edit existing event in their calendar | | |
| Precondition: | The user must have previously logged on so that system can identify the user as a particular client, user must open check events interface | | |
| Trigger: | The use case is initiated when the user selects this option from the user interface | | |
| Typical Course of Events: | Actor Action | System Response | |
| Step 1: This use case is initiated when this user click  Step 3: The user may edit the detail and click Save button | Step 2: The system responds by displaying pop-up window with event detail  Step 4: The system save the details and responds by displaying a success message | |
| Alternate Courses: | Alt Step 3a: If the user click the close button, the system do nothing.  Alt Step 3b: If the user click the delete button, the system will display a confirm message, if user click OK button, the event will be deleted. | | |
| Conclusion: | This use case concludes when the system saved the event information | | |
| Postcondition: | Nope | | |
| Business Rules: | Nope | | |
| Implementation Constraints and Specifications: | Web programming and Database to be used so clients can use it easily, and client’s input can be stored | | |
| Assumptions: | User registered an account, User has inputted event | | |
| Open Issues: | Nope | | |

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| --- | --- | --- | --- |
| Use-Case Name: | Speech to text | | Use case type  Business Requirement |
| Use-Case ID: | FYP-007 | |
| Priority: | High | |
| Source: |  | |
| Primary System Actor: | Client | | |
| Primary Business Actor: | Client | | |
| Other participating Actors: |  | | |
| Other Interested Stakeholders: |  | | |
| Description: | This use case describes the event of a client speak out words to input data | | |
| Precondition: | The user must have previously logged on so that system can identify the user as a particular client | | |
| Trigger: | The use case is initiated when the user login | | |
| Typical Course of Events: | Actor Action | System Response | |
| Step 1: This use case is initiated when user login  Step 2: User can speak command to interact with the system | Step 3: The system transfer those voice input the text and responds by executing requested action or input | |
| Alternate Courses: |  | | |
| Conclusion: | This use case concludes when the system responds those commands | | |
| Postcondition: | Nope | | |
| Business Rules: | Nope | | |
| Implementation Constraints and Specifications: | Web programming and Database to be used so clients can use it easily, and client’s input can be stored | | |
| Assumptions: | User registered an account and User has voice input device connected | | |
| Open Issues: | Nope | | |

|  |  |  |  |
| --- | --- | --- | --- |
| Use-Case Name: | Logout | | Use case type  Business Requirement |
| Use-Case ID: | FYP-008 | |
| Priority: | High | |
| Source: |  | |
| Primary System Actor: | Client | | |
| Primary Business Actor: | Client | | |
| Other participating Actors: |  | | |
| Other Interested Stakeholders: |  | | |
| Description: | This use case describes the event of a client to log off their account | | |
| Precondition: | The user must have previously logged on so that system can identify the user as a particular client | | |
| Trigger: | The use case is initiated when the user selects this option from the user interface | | |
| Typical Course of Events: | Actor Action | System Response | |
| Step 1: This use case is initiated when this user click | Step 2: The system responds by displaying a login interface | |
| Alternate Courses: |  | | |
| Conclusion: | This use case concludes when the system display login page | | |
| Postcondition: | Nope | | |
| Business Rules: | Nope | | |
| Implementation Constraints and Specifications: | Web programming to be used so clients can use it easily | | |
| Assumptions: | User registered an account | | |
| Open Issues: | Nope | | |