
BTree

BeeKey
Use-Case Specification

Version <1.1>

Beekey	Version: 1.1
Use-Case Specification	Date: <18/07/2021>

Revision History

Date	Version	Description	Author
29/06/2021	1.0	First specification all feature	Bùi Đăng Khoa
18/07/2021	1.1	Checking spell, words and format	Chung Kim Khánh

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1. Sign up

Use case ID	BK01
Name	Sign up
Brief description	User fills in the following form to create an account.
Actor	Users
Pre-conditions	Users must have a Beekey application.
Post-conditions	Successfully creating a new account at the server.
Scenario	<ol style="list-style-type: none"> 1. Open Beekey application. 2. Click to “Sign up to become new Bee” 3. User fills in the following form on the Signup Screen. 4. User clicks the “Signup” Button. 5. System sends all information to the Server. 6. Server response. 7. Return to the Login Screen.
Alternative flow	<ul style="list-style-type: none"> - If the server time out. Response failed, show Toast to give the user more information. - If there is any blank field, the User cannot come to the Main screen. Show Toast to give more information. - If the Password and Re-enter Password are different, the user cannot create an account. - If the username existed, the user cannot create an account, show Toast to give the user more information.
Special requirement	<ul style="list-style-type: none"> - Server response to the user less than 3 second

2. Login

Use case ID	BK02
Name	Login
Brief description	User fills username, password. Then the system will check and decide login success or not.

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Actor	Users
Pre-conditions	Users must have an account in the server before.
Post-conditions	Successfully logging in to the app
Scenario	<ol style="list-style-type: none"> 1. Open Beekey application. 2. User fill username, password. 3. User clicks the Login Button. 4. System sends username and password to the server. 5. Server response. 6. Login success, user comes to Main screen of Beekey.
Alternative flow	<ul style="list-style-type: none"> - If the server time out. Response failed, Show Toast to give more information. - If username, password don't exist, the User cannot come to the Main screen. Show Toast to give more information - If the user hasn't logged out, the app may auto login when open
Special requirement	<ul style="list-style-type: none"> - Server response to the user less than 3 second

3. Change password

Use case ID	BK03
Name	Change password
Brief description	User fills old password, new password to change the current password.
Actor	Users
Pre-conditions	Users must have logged already.
Post-conditions	The password is changed.
Scenario	<ol style="list-style-type: none"> 1. Users click the Settings tab at the bottom navigation. 2. Users click "Change password". 3. Users fill an old password, a re-enter password, a new password. 4. Click change. 5. System sends the old password and the new password to the server. 6. Server response. 7. A password changed.
Alternative flow	<ul style="list-style-type: none"> - If the server time out. Response failed, show Toast to give more

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	<p>information.</p> <ul style="list-style-type: none"> - If the password is not correct. Users cannot change a password. Show Toast to give more information - If the password and re-enter password are different, the user cannot change password. Show Toast to give more information
Special requirement	<ul style="list-style-type: none"> - Server response to the user less than 3 second

4. Show your information

Use case ID	BK04a
Name	Show your information
Brief description	Users can view your information by click to avatar button at bottom navigation
Actor	Users
Pre-conditions	Users must have logged already.
Post-conditions	Users can view all information of user
Scenario	<ol style="list-style-type: none"> 1. Click the user icon at bottom navigation. 2. System changes to User information Screen 3. System send request to Server to get user information 4. Server will respond 5. Information of user show in box
Alternative flow	<ul style="list-style-type: none"> - If the server time out. Response failed, Show Toast to give more information.
Special requirement	<ul style="list-style-type: none"> - Server response to the user less than 3 second

5. Show other's information

Use case ID	BK04b
Name	Show other's information
Brief description	Users can view each other's information by click to Username of them

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Actor	Users
Pre-conditions	Users must have logged already “User post request” must accept “User do task” already.
Post-conditions	Users can view all information of other user
Scenario	<ol style="list-style-type: none"> 1. In view specification of request 2. Click the username of lancer. 3. System send request to Server to get user information 4. Server will respond. 5. System redirect “user screen” to view information of lancer.
Alternative flow	<ul style="list-style-type: none"> - If the server time out. Response failed, Show Toast to give more information.
Special requirement	<ul style="list-style-type: none"> - Server response to the user less than 3 second

6. Edit basic information

Use case ID	BK05
Name	Edit basic information
Brief description	Users can edit their information by click to information box
Actor	Users
Pre-conditions	Users must have logged already.
Post-conditions	Users can view all information about other user
Scenario	<ol style="list-style-type: none"> 1. Click the setting icon at bottom navigation. 2. Click on the “Edit information” button 3. Fill the following form. 4. Click Change. 5. System post to Server 6. Server Response 7. Edit success.
Alternative flow	<ul style="list-style-type: none"> - If the server time out. Response failed, Show Toast to give more information. Edit fail. - If there is any blank field, the user cannot change.
Special requirement	<ul style="list-style-type: none"> - Server response to the user less than 10 second

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7. Filter Requirement

Use case ID	BK06
Name	Filter Requirement
Brief description	Users filter the task by category of task by choosing the category in the bar option.
Actor	Users
Pre-conditions	Users must have logged already Have task in server
Post-conditions	Users can view all task in this category
Scenario	<ol style="list-style-type: none"> 1. Users click the “Lookup button” at the bottom navigation. 2. Choose the category the user wants. 3. System send request to Server 4. Server response satisfied the query. 5. List task shown on screen.
Alternative flow	<ul style="list-style-type: none"> - If the server time out. Response failed, Show Toast to give more information. - if don't have list task in server, nothing shown on screen
Special requirement	<ul style="list-style-type: none"> - Server response to the user less than 10 second

8. Post project

Use case ID	BK07
Name	Post project
Brief description	Users can post task by fills all field in “post task” screen
Actor	Users
Pre-conditions	Users must have logged already
Post-conditions	Post task successfully, task is on the server
Scenario	<ol style="list-style-type: none"> 1. Users click the “Plus icon” at the bottom navigation. 2. Users fill in the form, include Task title, Description, Category, Price, Deadline and upload File attach 3. Users click on the “Done button”

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	<ol style="list-style-type: none"> 4. System sends the task to the server 5. Server responses and redirect to the main screen
Alternative flow	<ul style="list-style-type: none"> - If the server time out. Response failed, Show Toast to give more information. - If any part of the form is empty, system don't send the task to the server, and show Toast to give more information to remind users to fill in
Special requirement	<ul style="list-style-type: none"> - Server response to the user less than 10 second

9. Make counter-offer

Use case ID	BK08
Name	Counter-offer
Brief description	Users can bargain for the cost by clicking on the task, filling cost and reason, click send.
Actor	Users
Pre-conditions	Users must in "Task filter" screen Have task in server
Post-conditions	Users can view all information about other user
Scenario	<ol style="list-style-type: none"> 1. In the filter requirement, User choose the task 2. Display the counter-offer view. 3. Fill the cost user want in "counter-offer price" 4. Fill the reason in "counter-offer price" 5. Click "Done" 6. System sends to server this task 7. Server response
Alternative flow	<ul style="list-style-type: none"> - If the server time out. Response failed, Show Toast to give more information. - If any part of the form is empty, system don't send the task to the server, and show Toast to give more information to remind users to fill in
Special requirement	<ul style="list-style-type: none"> - Server response to the user less than 10 second

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10. View list request

Use case ID	BK09
Name	View list request
Brief description	Users can view all their request by click “Request” in “User Information”
Actor	Users
Pre-conditions	Users must have logged already
Post-conditions	Users can view all request they have posted before
Scenario	<ol style="list-style-type: none"> 1. User clicks on the “Request button” in “User information screen” 2. System redirects to the “My request screen” 3. Users check the list of requests, can scroll down to view more older requests
Alternative flow	<ul style="list-style-type: none"> - If the server time out. Response failed, Show Toast to give more information. - User can click on 1 of requests to view more detail about it - System redirects to the corresponding task view
Special requirement	<ul style="list-style-type: none"> - Server response to the user less than 10 second

11. View list task

Use case ID	BK10
Name	View list task
Brief description	Users can view all currently receiving tasks by click “Task” in “User Information”
Actor	Users
Pre-conditions	Users must have logged already
Post-conditions	Users can view all tasks user currently receive
Scenario	<ol style="list-style-type: none"> 1. User clicks on the “Task button” in “User information screen” 2. System redirects to the “My task screen” 3. Users check the list of tasks, can scroll down to view more older tasks

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Alternative flow	<ul style="list-style-type: none"> - If the server time out. Response failed, Show Toast to give more information. - User can click on 1 of tasks to view more detail about it - System redirects to the corresponding task view
Special requirement	<ul style="list-style-type: none"> - Server response to the user less than 10 second

12. View information of a specified request

Use case ID	BK11
Name	View information of a specified request
Brief description	Users can view more details of a request by click “request box” in “My list request” Screen
Actor	Users
Pre-conditions	Users must have logged already. Have the request they want to view
Post-conditions	Users can view all information of a specified request
Scenario	<ol style="list-style-type: none"> 1. Users find a request they want to view information. 2. Click on the request 3. System send query to server 4. Server response 5. System redirects to the “Request View” of this request. 6. Display the information of the chosen request.
Alternative flow	<ul style="list-style-type: none"> - If the server time out. Response failed, Show Toast to give more information. - If users don’t have a request, nothing can be chosen. - If the request has been accepted, “Request view” screen has 2 buttons, “Chat” and “Done”. - If the request hasn’t been accepted, “Request view” screen has 1 button is “View offer”
Special requirement	<ul style="list-style-type: none"> - Server response to the user less than 10 second

13. View information of a specified task

Use case ID	BK12
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Name	View information of a specified task
Brief description	Users can view more details of a request by click “request box” in “My task request” Screen
Actor	Users
Pre-conditions	Must in “My list task” Screen
Post-conditions	Users can view all information of a specified task
Scenario	<ol style="list-style-type: none"> 1. Users find a task they want to view information. 2. Click on the task 3. System send query to server 4. Server response 5. System redirects to the “Task View” of this request. 6. Display the information of the chosen task.
Alternative flow	<ul style="list-style-type: none"> - If the server time out. Response failed, Show Toast to give more information. - If users don’t have a task, nothing can be chosen.
Special requirement	<ul style="list-style-type: none"> - Server response to the user less than 10 second

14. View all counter-offer

Use case ID	BK13
Name	View all counter-offer
Brief description	Users can view all counter offers of the request by click to “view offer button” in “Request View” screen
Actor	Users
Pre-conditions	<p>Must in view information of a specified request (“My list request” Screen)</p> <p>The request hasn't been accepted yet.</p>
Post-conditions	Users can view all counter offers
Scenario	<ol style="list-style-type: none"> 1. User choose the request hasn't been accepted yet. 2. System redirects to “Request View” screen 3. Click the “View offer” button. 4. System redirects to “Counter offer list Screen” and display
Alternative flow	<ul style="list-style-type: none"> - If the server time out. Response failed, Show Toast to give more

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	information.
Special requirement	- Server response to the user less than 10 second

15. Accept/Decline counter-offer

Use case ID	BK14
Name	Accept/Decline counter-offer
Brief description	Users decide to accept/decline the counter-offer by click to the “counter offer box” in “View offer” Screen
Actor	Users, Beekey team
Pre-conditions	Must in “My list request” Screen The request has been counter-offer.
Post-conditions	Users can view all counter offers
Scenario	<ol style="list-style-type: none"> 1. Users choose the counter offer box want to decided Accept/Decline 2. System sends a message: “Which action do you want to do to this counter-offer?” and show 3 selections are “Accept”, “Decline”, “Cancel”. 3. Users choose “Accept Button” 4. System sends to server 5. Server response 6. The task status becomes “doing”. 7. All the other offers are decline 8. System redirects to “Request view” Screen 9. Money from “User post request” transferred to Beekey Team.
Alternative flow	<ul style="list-style-type: none"> - If the server time out. Response failed, Show Toast to give more information. - If user clicks on the “Cancel button”, and back “View offer” Screen - If the user does not have enough money in account, the acceptance will not perform.
Special requirement	- Server response to the user less than 10 second

16. Done request

Use case ID	BK15
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Name	Done request
Brief description	Users decide request is done
Actor	Users, Beekey team
Pre-conditions	Must in “My list request” Screen The request has been accepted
Post-conditions	The request is done
Scenario	<ol style="list-style-type: none"> 1. Users choose the counter offer box want to decided Request is Done 2. Click “Done Button” 3. System sends a message: “Are you sure the request is done?” and show 2 selections are “OK”, “Cancel” 4. Users choose OK 5. System redirects to “Feedback” Screen 6. System sends feedback to Server. 7. Money from Beekey team transfers to “User do task”.
Alternative flow	<ul style="list-style-type: none"> - If the server time out. Response failed, Show Toast to give more information. - If user clicks on the “Cancel button”, back “My list Request” Screen
Special requirement	<ul style="list-style-type: none"> - Server response to the user less than 10 second

17. Feedback

Use case ID	BK16
Name	Feedback
Brief description	Fills the feedback about other users
Actor	Users
Pre-conditions	Must Done request
Post-conditions	Send feedback to BeeKey team, other’s user has this feedback in information
Scenario	<ol style="list-style-type: none"> 1. Users fill feedback 2. Users click “Done button” 3. System sends to Server 4. Server response

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	5. System update data of app 6. Back “My list Request” Screen
Alternative flow	<ul style="list-style-type: none"> - If the server time out. Response failed, Show Toast to give more information. - If user clicks on the “Cancel button”, back “My list Request” Screen
Special requirement	<ul style="list-style-type: none"> - Server response to the user less than 10 second

18. Chatting (User do task)

Use case ID	BK17a
Name	Chatting (user do task)
Brief description	User do task can chat with user post request
Actor	Users
Pre-conditions	User post task accept with user do task
Post-conditions	Users do task chat with user do task user post task
Scenario	1. View information of a specified task 2. Click “Chat” Button 3. System redirects to “Chat box Screen” 4. Feel free to chat with “User post request” 5. System send message to server 6. Server response
Alternative flow	<ul style="list-style-type: none"> - If the server time out. Response failed, Show Toast to give more information.
Special requirement	<ul style="list-style-type: none"> - Server response to the user less than 10 second

19. Chatting (User post request)

Use case ID	BK17a
Name	Chatting (user post request)
Brief description	User do task can chat with user post request
Actor	Users

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Pre-conditions	User post task accept with user do task Receive counteroffer
Post-conditions	User post task chat with user do task
Scenario	<ol style="list-style-type: none"> 1. View information of a specified request 2. Click "Chat Button" 3. System redirects to "Chat box Screen" 4. Feel free to chat with "User do task" 5. System send message to server 6. Server response
Alternative flow	<ul style="list-style-type: none"> - If the server time out. Response failed, Show Toast to give more information.
Special requirement	<ul style="list-style-type: none"> - Server response to the user less than 10 second

20. Top-up

Use case ID	BK18
Name	Top-up
Brief description	Users can top-up the money from the linked bank system.
Actor	Users, Beekey team
Pre-conditions	Users must have logged already.
Post-conditions	Success top-up money.
Scenario	<ol style="list-style-type: none"> 1. User clicks on the "setting" button at the bottom navigation. 2. System redirects to the "Setting screen" 3. User clicks on the "Top up" button 4. Fills the money the user wants. 5. Click the "Top-up" button. 6. System sends to server. 7. Server response. 8. Money of the user increases.
Alternative flow	<ul style="list-style-type: none"> - If the server time out. Response failed, Show Toast to give more information. - If the user clicks the "Cancel" button, nothing changes. System redirects to the "Settings screen"
Special requirement	<ul style="list-style-type: none"> - Server response to the user less than 10 second

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21. Logout

Use case ID	BK19
Name	Logout
Brief description	User logs out of the system
Actor	Users
Pre-conditions	Users must have logged already.
Post-conditions	User logout successfully
Scenario	<ol style="list-style-type: none"> 1. User clicks on the “setting” button at the bottom navigation 2. System redirects to the “Setting screen” 3. User clicks on the “Logout” button 4. System sends a message: “Are you sure you want to logout?” and show 2 selections are “Ok” and “Cancel” 5. User clicks on the “Ok button” 6. The account be logged out of server 7. System redirects to the “Login screen”
Alternative flow	<ul style="list-style-type: none"> - If the server time out. Response failed, Show Toast to give more information. - If user clicks on the “Cancel button”, back to the “Setting screen”
Special requirement	<ul style="list-style-type: none"> - Server response to the user less than 10 second