## Mar 21, 2024 8:30 PM | [Night Owlers Status Update](https://www.google.com/calendar/event?eid=NmM3dDM1OG1tZ2VpNzQzbnRkbzl0Y2YxZ24gc2hhbWlpdmFuQG0)

**Attendees**: Everyone

**Date:** March 21

**Meeting time**: 8:30 pm - 10:00

**Location:** Online (Discord)

### **Objective of the Meeting**

To review the progress of team members on current tasks, finalize preparations for the upcoming lab demo, and ensure all deliverables are on track.

### **Key Outcomes**

* Reviewed and discussed the implementation and challenges of current tasks, particularly reservation confirmation and check-in/check-out processes.
* Agreed on strategies for handling remaining tasks, especially around reservation confirmation, credit card information handling, and price calculation.
* Assigned action items to address unresolved issues and complete pending functionalities.

### **Updates**

* **Jutipong:** Showcased adding reservation and check-in functionalities. Discussed the need for validation fixes, credit card information integration, and user feedback mechanisms.
* **Ivan:** Highlighted the importance of clear form inputs, proposed a method for handling pickup dates and times, and discussed the admin/reservation issue and pricing calculation strategy.
* **Theebika:** Talked about implementing checkout, completed acceptance tests, and discussed dynamic routing for page navigation.
* **Ryan:** Completed documentation and product backlog, outlined tasks for completing the sprint planning, and emphasized the need for UML diagrams for documentation.

Brief Conversation

* Jutipong (shows adding reservation and check)
  + Confirmation is almost done but still have some tweak
    - *Added a picture so the user can see the car*
    - *(Ivan) Did you add the validation? User should not be able to add*
    - *(Jutipong) Added but still not working, stil have to fix*
    - *If confirmation successful, go to home page*
    - *(Ivan) We need to*
    - *Still have to add credit card information*
    - *(Jutipong) Where should we put the credit card input field, in reservation or in confirmation?*
    - *The reservation has to have a credit card information and when we are checking, we just check if the credit card is the same?*
    - *(Jutipong)What should do for the Banking*
    - *(Ivan) we can have in the database a credit card and assign it random amount.*
    - *(Jutipong)Going to remove the admin*
    - *(Ivan) We should make the distinction*
    - *(Ivan) Where is the check in button?*
    - *(Jutipong ) Main*
    - *(Ivan)The whole user sequence, you log in, you view car*
    - *(Jutipong ) Need to fix showing the name onf the car rental agreement*
    - *If you are reserving, it just goes on the main page, can we add a pop up? Need a feedback*
    - *For tomorrow we need*
* Ivan
  + *IWe need to be clear on what each form takes as input*
  + *The first booking form*
    - *Pick up date, pick up time, driver license, comments*
    - *(Ivan) Quick note: When we taking a date, looking at the schema all the forms are taking string type, make the date as an object*
    - *(Ivan) Pick up date and time can be into one object*

const pickupDateTime = new Date(`${pickupDate}T${pickupTime}`);

pickupDate: { type: Date, required: true },

* + - *(Ivan) if you’re doing reservation, isn’t better to add all the inputs field in the reservation, and when you confirm*
    - *(Ivan) Pick up date and time can be into one object*
    - *IS pick up updated on checkin or do you created*
    - *To get all the reservation from Id need to make a get request to this endpoint* [*http://localhost:3000/api/reservations/user/65ea9aab858857d6290114f6*](http://localhost:3000/api/reservations/user/65ea9aab858857d6290114f6)
    - *I still have to work on the admin/reservation issue*
    - *Need to work on the price*
    - *When the user is making a reservation we can calculate the price and the info would be in the confirmation.*
    - *As you add the info about price, update the schema.*
    - *Each vehicle has a price, each reservation has a totalPrice() : totalPrice = cost \* number of days \* 1.15 for taxes*
    - *Still need to work on the branches*
    - *What i'm thinking of doing for the branches is to have a new entry as locations and have multiple locations, each vehicles can have a location and not all the vehicles are in the certain location but when you go to reserve, its just going to give you the location as the part of the vehicle locations. For ex, when you make a reservation which will include the location.*
    - *You will have the information abt the reservation into the vehicle itself → need to create a new model*
    - *Ivan all we need is checkout if we’re done with the other stuff*
* Theebika
  + *When do I put checkout , where should i put on the form, I want to*
  + *(Jutipong) : Follow what i did for checkin/[reservatinId]*
  + *Explanation about page routing and dynamic routing, for more info check :* [*https://nextjs.org/docs/app/building-your-application/routing/dynamic-routes*](https://nextjs.org/docs/app/building-your-application/routing/dynamic-routes)
  + *I dit AT for*
  + *I will close issues # 196 ,*
  + *Acceptance test is done for*
  + *(Jutpong ) If we put it int*
  + *Are similar : AT 7.1 and AT 2*
  + *One AT can just be see all the available branches and*
  + *If you click on an area code, it gives a branch near*
  + *What should be on the checkout?* 
    - *Date, check out date*
    - *returnLocation*
    - *Update vehicle conditions* 
      * *Fuel*
      * *Car damage*
    - *Additional pricing*
    - *Payment is in checkout*
  + *Completed meeting minutes #1 but I want to make sure with the TA if I’m doin git correctly*
* Ryan
  + *Finished documentation for all the tassk there is a descirption*
  + *Did the product backlog*
  + *TODO : justification for i*
  + *TODO : help T for checkout: 9.1*
  + *(Is there a dates )*
  + *Does each task has a an assignee?*
  + *What is left to do for documentation* 
    - **Architecture design requirements:**
    - Before implementing your solution, you must generate the following UML diagrams and attach them to their corresponding User Stories in your repository.
    - A sequence diagram for each of the Processes
    - An activity diagram for each of the Processes, considering any deviation from the normal process.
  + Ivan : I will send the resource for UML diagram on discord

### **Discussion Points**

Technical Discussions

* Engaged in a technical discussion on the best practices for handling date and time inputs, storing credit card information, and calculating prices for reservations.
* Discussed strategies for improving user feedback during the reservation process, including potential pop-up messages for confirmation.

### **Decision Making**

* **Interactive Features:** Decided to implement additional user feedback mechanisms for better user experience during the reservation process.
* **Credit Card Information Handling:** Agreed on storing credit card details in the database with simulated amounts for transactions, ensuring user data security and compliance.

### **Action items**

* **Jutipong:** Address validation issues in reservation confirmation and finalize the credit card information handling.
* **Ivan:** Complete work on admin/reservation issues, finalize pricing calculation, and ensure all forms take appropriate inputs.
* **Theebika:** Implement checkout process, follow Jutipong's approach for check-in, and ensure dynamic routing is correctly applied.
* **Ryan:** Complete sprint planning, assist with checkout process design, and start working on UML diagrams for project documentation.

### **Conclusion**

The team made a good amount of progress on the key functionalities for the upcoming lab demo.

### **Next Meeting**

To be scheduled before the lab demo to review all completed tasks and ensure readiness.