Project Sprint Planning Notes

### **Sprint 2, Milestone 3 Project Sprint Retrospective**

**Team:** team-project-group-p04-03  
**Sprint 2, Milestone 3**  
**Date:** 13.10.2024  
**Attended:** All Team Members  
**Scrum Master:** Krishitaa Purusothaman  
**Product Owner:** Dale Stanbrough

**Development Team:**

* Harmandeep Singh (s4009171)
* Gurnoor Kaur (s3991487)
* Fazila Qurban Ali (s3667195)
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* Ninh Duy Huynh (s4003174)
* Mohamed Bilal Naeem (s3967700)

### **1. Things That Went Well**

* **Team Collaboration:**  
  The team worked well together and provided consistent support to one another throughout the sprint.
* **Completed User Stories:**  
  Successfully completed key user stories for vet dashboard, user dashboard, clinic dashboard, appointment management, review system, prescription management, educational resources, and more.

### **Main Functionalities:**

* **Reviews System:**  
  Users can now leave reviews for clinics or vets after their appointments. These reviews can be edited or deleted by the users. Reviews provide valuable feedback for both clinics and vets, contributing to the overall quality of service.
* **Appointment Management (Booking, Editing, Canceling):**  
  Users can book, edit, and cancel appointments directly through the system. When booking, users can view available time slots for different vets , ensuring that they can select convenient appointments. Once booked, appointments can be easily modified or canceled, providing flexibility for users.Also they receive notification upon booking a ppointment
* **Prescription Management (Sending and Approving):**  
  Vets have the ability to send prescriptions for pets directly through the system. If pet owners request prescription refills, vets can either approve or deny these requests. This makes managing medications for pets more streamlined, as all information is stored in the system for easy access.
* **Pet Medical Records:**  
  Vets can access and update medical records for each pet. This includes adding new diagnoses, treatments, and medications prescribed during visits. Pet owners can view these records, which helps them stay informed about their pet’s health and treatment history.
* **Educational Resources:**  
  Vets can add educational resources, such as articles or guides, that are approved by the admin. These resources help pet owners better care for their pets by providing useful, vetted information about common pet health issues, preventive care, and more.
* **Admin Functions:**  
  Admins have access to manage the system at a higher level. They can add and remove users (e.g., clinics, vets, and other admins), see a list of all users in the system, and manage permissions. Admins are also responsible for approving educational resources that are added by vets.
* **Clinic Management:**  
  Clinics can add vets to the system. Clinics are able to see which appointments have been booked with their vets, providing a centralized view of all activity related to their clinic.
* **Vet Dashboard:**  
  Vets can manage their appointments, prescriptions, and medical records through a dedicated dashboard. The dashboard simplifies daily operations by providing vets with access to all the key functionalities they need to handle appointments, prescriptions, and patient records.
* **User Dashboard:**  
  Users (pet owners) have a dedicated dashboard where they can manage their appointments, view their pets’ medical records, request prescription refills, and access educational resources. This provides users with a single place to manage all aspects of their pet care through the VetCare system.

### **2. Things That Could Have Gone Better**

* **Merging Issues:**  
  We faced significant issues with merging on the day before submission, which caused a lot of last-minute errors.
* **Task Management:**  
  Similar to the previous sprint, we overestimated the complexity of some tasks, which impacted our ability to manage time efficiently.
* **Delay in Merging:**  
  Delaying the merging process to the end caused many issues that could have been avoided if tackled earlier in the sprint.

### **3. Things That Surprised Us**

* **Complexity of Dashboards:**  
  The complexity of linking the vet, user, and clinic dashboards with various functionalities took more time than expected.
* **Merging Conflicts:**  
  Despite completing much of the development, merging code just before the deadline was more problematic than anticipated, leading to numerous conflicts.

### **4. Lessons Learned**

* **Merging Earlier:**  
  We learned that merging earlier in the sprint would have prevented many of the last-minute conflicts and errors.
* **Better Time Allocation:**  
  More time should be allocated to addressing and testing key features earlier in the sprint.
* **Refining Task Estimation:**  
  Breaking tasks down into smaller components will help better manage time and expectations.

### **5. Final Thoughts**

* **Overall Learning Experience:**  
  This sprint taught us valuable lessons on time management and teamwork. While the merging issues were a challenge, we were able to successfully implement important features like dashboards for vets, users, and clinics, prescription handling, and appointment management. Moving forward, we will plan to merge code earlier to avoid last-minute errors and spend more time testing and refining features before the deadline.