Project Sprint Planning Notes

**Team: team-project-group-p04-03**

Sprint: Sprint 2

Date: 12/10/2024

Attended: All Team Members

Scrum Master: Krishitaa Purusothaman

Product Owner: Dale Stanbrough

Team: Harmandeep Singh (s4009171), Gurnoor Kaur (s3991487), Fazila Qurban Ali (s3667195), Krishitaa Purusothaman (s3962111), Ninh Duy Huynh (s4003174), Mohamed Bilal Naeem (s3967700)

**Goal:**

The primary goal of Sprint 2 is to continue developing and testing core features while expanding the system to include dashboards for admins, clinics, and veterinarians. This sprint will also focus on completing any remaining tasks from the previous sprint and refining the appointment and prescription features. We will also ensure the system is well-integrated with Docker and the CI pipeline..

**Duration of the Sprint:**

3 weeks

**What is the team’s vision for this sprint?**

For this sprint, we aim to achieve the following objectives:

* **Commitment:**  
  We will commit to finalizing the admin, clinic, and vet dashboards, improving the user experience across these roles. We’ll also complete tasks from Sprint 1, such as educational resources and prescription management, ensuring all features meet functional and quality requirements.
* **Potentially Shippable Product:**  
  By the end of this sprint, we aim to have all dashboards (admin, clinic, vet, user) fully functional and tested, along with improvements to the core features. We will also ensure that CI/CD pipelines and Docker images are set up for local and production deployment.

**Key Features:**

* **Admin Dashboard:**
* Admin can add more admins , users and add clinics and view the list of every user in vetcare
* **Clinic Dashboard:**
* Can add or remove vets , can see the list of user(patients associated with clinic)
* **Vet Dashboard:**
* Could see the appointments books with change their status(Rejected ,completed) , send prescriptions and approve disapprove refill requests.
* **User Dashboard:**
* Pet Registration & Editing Pet DetailsAllow users to register their pets and update details as needed.
* **Prescription Management:**  
  Allow vets to manage prescriptions, including refills requested by pet owners and new prescriptions.
* **Appointment Enhancements:**  
  Improve the existing appointment feature to better handle vet availability, prevent overlapping bookings, and integrate with clinic schedules.
* **Pet Medical Records:**  
  Allow pet owners to access their pet’s medical records, while veterinarians can create and update these records.
* **Educational Resources:**  
  Allow users to access educational content and upload resources for pet care
*  **CI/CD Pipeline and Dockerization:**  
  Finalize the continuous integration pipeline and ensure Docker images are ready for both local and production environments. Use Docker Compose to orchestrate services

### Key Features and Estimated Story Points:

1. **Admin Dashboard:**
   * **Admin can add more admins, users, and clinics, and view the list of every user in VetCare:**  
     **8 Story Points**  
     Justification: This feature involves managing users, admins, and clinics, requiring both back-end and front-end integration for role-based access control and viewing functionalities.
2. **Clinic Dashboard:**
   * **Add or remove vets, see the list of patients associated with the clinic:**  
     **6 Story Points**  
     Justification: The clinic dashboard requires managing vets and patient data, which involves handling data relationships between clinics, vets, and users.
3. **Vet Dashboard:**
   * **View appointments, change status (Rejected, Completed), send prescriptions, approve/disapprove refill requests:**  
     **10 Story Points**  
     Justification: This is a complex feature, involving appointment management, prescription workflows, and the approval process. It requires front-end and back-end coordination.
4. **User Dashboard:**
   * **Pet Registration & Editing Pet Details (Allow users to register pets and update details):**  
     **6 Story Points**  
     Justification: This feature requires implementing user interaction forms and integrating them with the back-end to update pet data securely.
5. **Prescription Management:**
   * **Allow vets to manage prescriptions, including new prescriptions and refill requests:**  
     **5 Story Points**  
     Justification: Prescription management requires workflows for creating, editing, and approving prescriptions, with careful data handling.
6. **Appointment Enhancements:**
   * **Improve the existing appointment feature to handle vet availability, prevent overlapping bookings, and integrate with clinic schedules:**  
     **8 Story Points**  
     Justification: Enhancing the appointment system to check availability and prevent overlaps adds complexity to the booking logic.
7. **Pet Medical Records:**
   * **Allow pet owners to access medical records, and veterinarians to create and update records:**  
     **7 Story Points**  
     Justification: This feature requires secure data access and the ability for vets to update sensitive medical records while ensuring privacy.
8. **Educational Resources:**
   * **Allow users to access educational content and upload resources for pet care:**  
     **4 Story Points**  
     Justification: This feature involves file uploads and resource management, which is relatively straightforward but still requires validation.
9. **CI/CD Pipeline and Dockerization:**
   * **Finalize the CI pipeline and Docker images for local and production environments. Use Docker Compose for service orchestration:**  
     **6 Story Points**  
     Justification: Setting up a production-grade CI/CD pipeline and Docker environment for smooth integration and deployment involves multiple steps and testing.

### Total Story Points for Sprint 2:

**60 Story Points**

**Sprint Planning Summary:**

In this sprint, the team will focus on completing the implementation of dashboards for admins, clinics, and veterinarians. We will also refine core features like prescription management and appointments, ensuring seamless integration across the system. Additionally, the sprint will focus on setting up a functional CI/CD pipeline and Dockerized environment for testing and deployment.