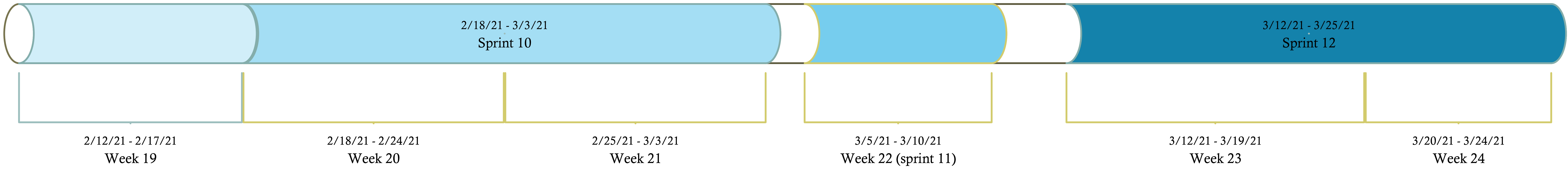


<b>Sprint 1:</b> Start For Prototype	<b>Sprint 1.5 &amp; 2 Goal:</b> Clarify Requirement and make Paper Prototype	<b>Sprint 3 Goal:</b> Startup The Project	<b>Sprint 4 Goal:</b> Setting Up UI Testing Framework	<b>Sprint 5 Goal:</b> Putting Stuff Together	<b>Sprint 6 Goal:</b> Setup AI Model To Server	<b>Sprint 7 Goal:</b> Connect front end with APIs	<b>Final Sprint :</b> Final check functionalities, materials and prepare presentation.
<b>Sprint 1 Achievement:</b> Did some investigations and made personals for two idea, Aquality 2.0 and Social Dev.	<b>Sprint 1.5 &amp; 2 Achievement:</b> Prefer Aquality 2.0 rather than social dev. Get requirements and paper prototype done including mobile UI, web and Arduino connection.	<b>Sprint 3 Achievement :</b> Setup Server Setup Database Blank Template for UI Setup Arduino Hardware	<b>Sprint 4 Achievement</b> Arduino Device Working Start to Initial AI Model Testing Framework Template for UI Design	<b>Sprint 5 Achievement :</b> Starting to Develop APIs	<b>Sprint 6 Achievement</b> Get most APIs working and tested	<b>Sprint 7 Achievement :</b> Connect front end with APIs, fix the issues and check functionalities.	<b>Final Sprint :</b> Link front-end and back-end together

# Release 2

12/2/21

24/3/21



**Sprint 9:**  
Release planning

**Sprint 10 Goal:**  
Changing Whole Taking Sampling Flow

**Sprint 11 Goal:**  
Still focus on Mobile App

**Sprint 12 Goal:**  
Finalize the App For Release 2

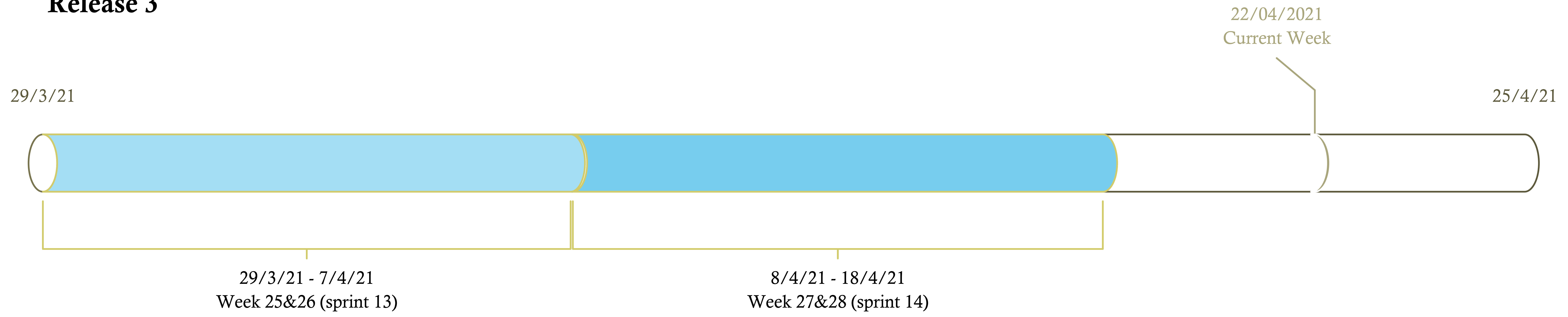
**Plan Beta release:**  
new features,  
backlogs with score

**Sprint 10 Achievement:**  
 1. A new flows and new screens on Mobile app: app introduction->survey page->taking surrounding environment photos, also add safety guide for new register.  
 2. APIs: Accept River Details API , Modify scoring API to return result for each insects Group  
 3. web site for admin: Login Page, hardware Spot Tracing On Google Map  
 4. Hardware with app: show hardware into Spotting Map

**Sprint 11 Achievement:**  
 1.Let the User Able to Modified AI Model Feedback Result  
 2. New screen: Report Problem  
 3.PowerSupply for Hardware  
 4. Set CD for server on GitHub action  
 5. Putting the data on the map in Admin website, and toggle display style  
 6. AI training image  
 7.Continues API test  
 8. User testing: non-professional users

**Sprint 12 Achievement:**  
 1. UI Bug fixed: back button alert bug, empty sample score, the show method of selection of uploading image to ai model  
 2.New in Mobile app: display weather, terms and policy conditions, modify UI layout, upload insect photo by users  
 3. APIs: API for environment image and insect image which are uploaded by users  
 4.AI: Let AI Model Recognize Number and Length of Tail  
 5. Web site for admin: apply user group to Activity Map, improve UI of admin web, Showing Image Gallery

# Release 3



**Sprint 13 Goal:**  
Match with release goals in presentation

**Sprint 14 Goal:**  
Finalize the apps and ready to deploy

**Sprint 13 Achievement:**  
1. Mobile Application: Review Sample Screen Update, fix duplicate Insect Input, Retrieve/reset password, fix infinite Loop In Home Screen  
2. APIs: Change The Model and API accept current location  
3. web site for admin: Adding filter to the admin site data, Produce CSV file to select data  
4. Testing: Deploy Application on Google play (still in internal testing phase)

**Sprint 14 Achievement:**  
1. Mobile Application: Reset/Retrieve password, display sample history by date, show distance between river and user current location, add team logo  
2. APIs: Reset password, modify sample history, add distance of river API  
3. Testing: Deploy Application on Google play (open testing)