PayPerRead Sprint 3 Plan

Jan 27, 2022 Revision 1.0
Release by February 8, 2022
Product Owner: Jake Armendariz
Members: Brendan Teo, Xin Yan, Daniel Wilby

High-Level Goals

In Sprint 3 we want to build a dummy website that can demo PayPerRead. This requires building the backend infrastructure to register, and buy articles, a clean UI for the iframe so each user can buy articles, and plenty of security measures to properly secure each request.

User Stories

As a beta user, I would want a usable dummy website to demo PayPerRead. 5 points

- Create and implement the initial dummy website in ReactJS

As a reader, I want the iframe to read my cookies and accept my payment so that I can view the article. 11 points

- Implement Iframe page that accepts header to verify request
- Add Javascript to communicate to our backend and the external site hosting iframe.

As a publisher, I want to be able to specify the price and id for my articles: 13 points

- Design/Implement API for registering articles and allowing access.
- One time creation, but continuous calls.

As a reader, I want the service to keep track of which articles I have already paid for so that I can go back and reread them without having to pay again. 8 points

- Store bought user articles

As a user/visitor, I want to be able to see a fleshed out webpage and navigate between pages.

- Flesh out the home page, more work into design and CSS. **5 points**
- Implement iframe interior **5 points**

Total : 42 points

Team Roles

Jake Armendariz - Developer, Product Owner
Brendan Teo - Developer
Xin Yan - Developer, Scrum Master
Daniel Wilby - Developer

Initial Task Assignment

Jake Armendariz -

User Story: **As a reader, I want the service to keep track of which articles I have already paid for so that I can go back and reread them without having to pay again.**

Tasks:
- Creation of article backend
- MongoDB storage
- Design API for registering articles.

Brendan Teo -

User Story: **As a user/visitor, I want to be able to see a fleshed out webpage and navigate between pages.**

Task:
- Flesh out homepage
- Iframe interior

Xin Yan -

User Story: **As a publisher, I want to be able to specify the price and id for my articles**

Task: Design API for registering articles

User Story: **As a reader, I want the iframe to read my cookies and accept my payment so that I can view the article. 11 points**

Task: Subtract balance from user and add to the publisher (in the same step of giving user access to article)

User Story: **As a publisher, I want to be able to specify the price and id for my articles**

Task: On reader/publisher creation. Add objects to article DB to match

Daniel Wilby -

User Story: **As a beta user, I would want a usable dummy website to demo PayPerRead.**

Task: Create an initial dummy site

User Story: **As a reader, I want the iframe to read my cookies and accept my payment so that I can view the article.**
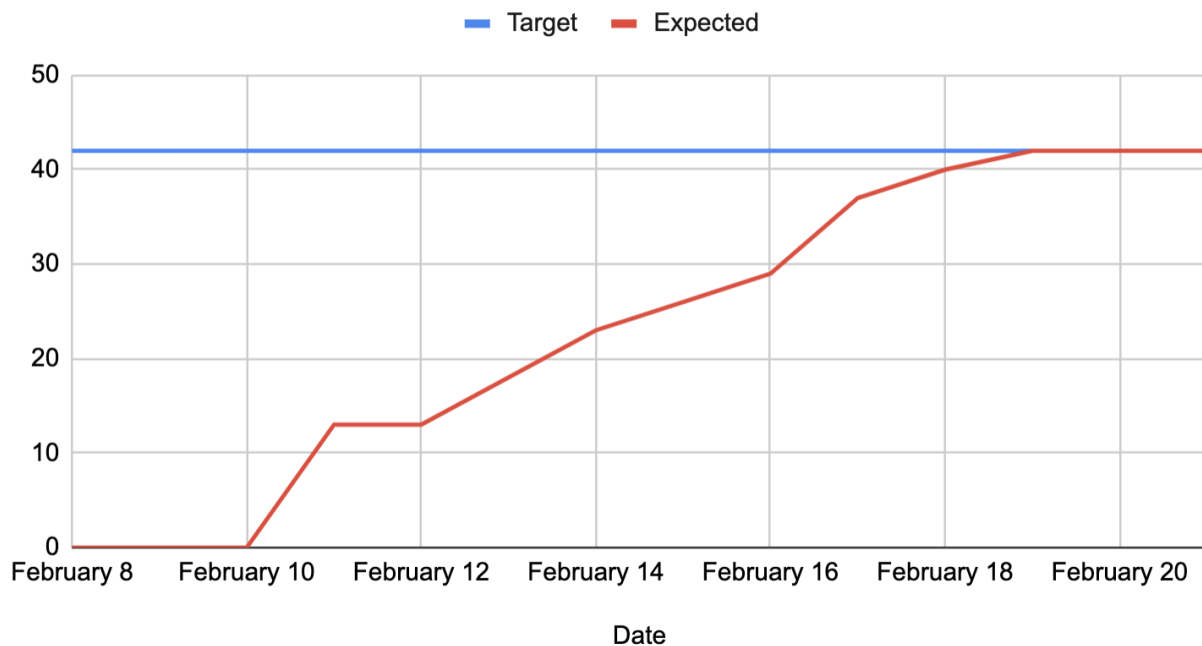
Task: IFrame interior

User Story: **As a reader, I want the service to keep track of which articles I have already paid for so that I can go back and reread them without having to pay again.**

Task: Add article for user

Architecture Task: Linter/formatter for frontend

Initial Burnup Chart

Target and Expected

Initial Scrum Board

https://trello.com/b/uImufyI2/payperread-planning

Scrum Times

1/30 3pm

2/3 9pm

2/5 9pm