

**Type:** Feature

**Title:** Frontpage - Blog

**Status:** ON

**Context:** Backend features were implemented and now the immediate concerns are parsing the available posts and conveniently adding them to the front page.

**Core Decision:** Implement a frontpage that has components featuring new, sortable posts

Prospects	Decision Parameters	OTD Concerns
<ol style="list-style-type: none"><li>1. Seamless filtration of data during query</li><li>2. Limit number of posts on view</li><li>3. Three layouts<ul style="list-style-type: none"><li>• Card, features description</li><li>• Bicolumnar grid</li><li>• Tricolumn grid</li></ul></li><li>4. Functional navbar<ul style="list-style-type: none"><li>• By default, posts are sorted by recent</li><li>• Recency also operates off sort feature</li></ul></li><li>5. Animate on scroll</li><li>6. Dark mode saved using cookieStore</li></ol>	<p>§ <b>Animation:</b></p> <ul style="list-style-type: none"><li>• Use intersection observer API</li><li>• Slide from below effect (scrolling down)</li><li>• Slide from above effect (scrolling up)</li></ul>	<ul style="list-style-type: none"><li>⚡ Sort feature not implemented, however with queries API is not difficult</li><li>⚡ Database query executes <math>n</math> times where <math>n = total\ post\ count</math><ul style="list-style-type: none"><li>○ Consider dynamic, on-demand query approach</li><li>○ For seamless <math>\cap</math> observer API, fetch based on 3x screen length and preload on scroll</li><li>○ Query database when intersecting 79% of the content</li></ul></li></ul>