D-CMS

Target release	0.1.0
Epic	Lift Off
Document status	DRAFT
Document owner	
	@TBD
Developers	@TBD
QA	@TBD

Background and Strategic Fit

Content management is a core horizontal service that enables product teams to manage the projects content without requiring updates to code. In recent years traditional CMS systems such as Joomla, Django and Wordpress have begun to be replaced by leaner API driven content systems known as 'headless' CMS.

This Product Requirements Document intends to build on these recent innovations in content management by defining a headless decentralised content solution.

Goals

The main goal of the first phase of this project is to enable a content manager to create and edit textual content that is to be displayed on their own decentralised application. Subsequent phases will deal with extending this basic functionality with features such as search, templating (emails etc), internationalisation (locale issues, translations etc), dynamic placeholders (e.g. for dates, usernames) and so on.

User Stories

George

George is the content manager for a decentralised application called PeaPods. George is frustated by the fact that the any changes to the header and footer content on the PeaPods d-app have to be fed into a scrum sprint and released as part of the development cycle. George wants to be able to change this type of content at any time and have these changes take immediate effect.

Francesca

Francesca is a developer at PeaPods. She wants a really easy way of pulling content from the PeaPods content store.

Toni.

Toni is a PeaPods fan. She listens to three or four podcasts through the site each week. She wants to be unaware that some content on the PeaPods application is managed separately from the dynamic playlist content.

Assumptions

- Assumption 1: The PeaPods Content Store is separate from the PeaPods application data store.
- Assumption 2. The DCMS d-app has read and write access to the content.
- Assumption 3. The PeaPods d-app has read only access to the content.

Requirements

#	Title	User Story	Importance	Notes
1	DCMS1	George logs in to the DCMS app		• PeaPods already owns a decentralised id that is available to George. • George logs in with this id.
2	DCMS2	George creates a piece of content		• The content is stored in decentralised storage controlled by George.
3	DCMS3	Toni opens the PeaPod application and sees the content		• The content is pulled from Georges data storage via an API call or equivalent.
4	DCMS4	George edits the content		• Toni refreshes the application and sees the new content.
5				

User interaction and design

Questions

Below is a list of questions to be addressed as a result of this requirements document:

Question	Outcome

Not Doing

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References

- [1] https://www.opendemocracy.net/media-voting/article_2213.jsp
- [2] https://www.democracy.earth/