MFE - Proof of concept release

- Background
- Steps
  - People

Slack channel for PoC release here.
Test environment here: MFE test environment.

Background

The goal is to create a packaged release to prove the feasibility of MFE from an implementation perspective.

This is not a production use case, this is a way to get the community excited about this framework and to prove that it works and to get some learnings on how to better secure adoption in the future. The idea is not for the implementation to replace the existing solution (yet) but to get the MFE to work alongside with the current applications.

The main focus of this POC is not the end-user but the implementer. The main goal is to gain momentum around OpenMRS 3.0 and commit to releasing more often. We will not create fixes to back-releases (e.g. bug in 2.0 fix goes out in next release; patches for emergencies) - because patches can dis-incentivize people from moving off of old versions.

Steps

- **v0 - 3.0 Frontend Technical Vision Alignment**
  - Draft - Done
  - Present to Bahmni Coalition - July 30
  - Present to Bahmni PAT -
  - Share with Community - Early Aug, before Aug 13 Squad Showcase

- **v1 - Login, Search, Homepage, Registration**
  - Trial period among PIH, AMPATH, Mekom with current set-up - using OMRS Spa Module - Goal: End of August
  - Workshop for community on how to set up for your site - Early Sept?
  - Trial with more champions - Late Sept?
    - Define and select the ideal candidate (early adopter) from an implementation perspective (potentially Ampath and PIH)
    - Find out what's the bare minimum that we need from an architecture & metadata perspective (shall we consider dockerization best practices?)

- **v2 - Patient Chart:**

Priorities

Our focus areas for the next cycle.

Now:

1. Onboarding Eric Achilla TPM 😊 (Grace Potma)
2. Style Guide vs Design System comparison (Brandon Istenes and Romain Buisson supporting Ciaran with analysis)
   a. Tuesday presentation
   b. Friday TAC recommendation
   c. Begin design system switch-over
      i. Integration into application
      ii. Changing over application pieces to use that design system
      iii. Review for bugs
3. Extension-based Architecture
   a. Definition & tickets (Brandon Istenes & Dennis Kigen - time together)
4. Patient Registration Page **[MF-248](https://gitlab.openmrs.org/openmrs/openmrs-core/-/issues/248)** - Getting issue details... STATUS (Nicholas Hill)
   a. Wrap up remaining work:
      i. Identifiers
      ii. Address templates & hierarchy
      iii. Death information
      iv. Edit workflow (next sprint)
      v. I18n - Patient Registration page localizable
5. Wrap up some Patient Chart work
   a. Immunizations - wrap up, taking into account Burke's latest feedback
   b. Bug Fixes on Patient Chart
6. Test Results *(ThoughtWorks with Ajay Brar (UX) and ___)*
   a. Implementation: Table view
   b. Design: Results Ready: How do I see that something is new
7. Styling & UI Improvements
8. Early QA
   a. f/u with AMPATH TPM/QA team (Grace Potma -> Eric)
   b. Testing i18n with locale change - JJ to follow up with Derrick Rono re. running Cyprus against Web App distro for end-to-end workflow testing

9. Misc
   a. i18n Blocker: Unable to get Home Page translations working; Patient Registration (Brandon Istenes - PR in esm-home) (Blocker for Mekom & PIH)
   b. Bug fixes
   c. Cucumber MVP (Grace Potma)

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Next:

1. Form Entry (Historically: PIH using HTML form entry; Ampath custom; Mekom BM forms)
   a. Clarity needed for Test Results Data Entry: If no agreed on UI, need to be clear together about data structures in order to use this widget - OMRS rules guidance for storage as observations, upper/lower bounds.
   b. Via integration of Bahmni forms? (So people can build the functionality they need w/ form renderer) (this is currently scoped as one of Florian's deliverables)

2. (Florian - back Sept 1) Package everything together in distribution (most sites need things to work offline, unlikely to use CDN) (Romain Buisson)
   a. Backend packaging - Next sprint
   b. Frontend packaging - Proof of concept stalled without Florian (generating forward-compatible artifacts - to replace OMOD approach)

3. (Florian - back Sept 1) Domain Decomposition
   a. Design session - Monday
   b. Complete definition to start splitting up pt chart widgets following cycle

4. Testing
   a. Environments: Staging vs Demo Prod?
   b. Automated tests in staging/integration (right now mostly unit tests)
   c. Outline of what's expected on phone, what's not

5. Whitelabelling (via overwriting style guide)

6. Patient Chart Next Focus
   a. Test Results Widget - [MF-297 - Getting issue details...]
      i. User test Test Results wireframes w/ staff from field
      ii. MVP

People

PM, BA

- Grace Potma - Product Direction
- Dave - BA - 10% (4-5hrs/wk)
- Pilar - PM - 30-50%
- JJ - PM/prs - 50% (vacation week 2)
- (Tw) Helena - BA - trying to find replacement for Lucus

Devs

- (P) Brandon - vacation for first week; 15% (for prs, discussion)
  - (A) Donald - 80%
  - (A) Dennis - 60%
  - (A) Bett - 50% (back-end)
  - (A) Derek - not available
  - (Tw) Nick - 5hrs/wk (30-50%); may reduce July
  - Ian Bacher - backend as-needed - 10%
  - Florian Rappi - vacation 4+ weeks starting week 2 Thurs.
  - Romain Buisson - devops - Distribution management - 5-6 hrs/wk
  - Ivange Larry - 100%

Testing

- Ampath QA Team - 50% (4 person team)

Nicholas Hill - Patient Registration module

Mike Seaton + Romain Buisson

Pilar Rubio - Product & project support

@mfsquad in slack