Favourite Events (epic)

> ℹ️ **As a user** I'd like to bookmark some events

> ℹ️ **Acceptance Criteria**
>
> 1. The user should be able **to favourite** an Event
>   - when favourited the event should be toggled on
> 2. The user should be able **to unfavourite** an Event
>   - when favourited the event should be toggled off
> 3. The user should be able to look at their list of favourites by tapping on the **Faves** tab
>   - Each event should open the web browser to that event URL
> 4. The Favourites screen should contain **locally stored list** of favourited events
>   - Overriding the cache should not delete favourites.
> 5. List item contains event **name**, **date**, **start time** and **favourite** button
> 6. **Favourite** button should be added to **Events list** as well
>   **No AB test needed, no tracking needed, no localisation needed.**

> 📄 **Questions and comments**
>
> **AC 3**
>
> If the list is empty, should we show placeholder? - Yes
>
> **AC 4**
>
> Should we update event by id if the event data has changed? - Done as toggle (AB test)
>
> **UI**
>
> The label for favourite list is **Favorite** in design, but epic requirements contain **Faves** label. What are we going to use? - The requirements have the top priority under the design

Ui Component	Requirement
Title	Design element: **Title** Should be ellipsized on the end
Date and time	Design element: **SecondaryText** Should be ellipsized on the end Date and time format: **Thu, 12 Dec 2019 19:00**
Navigation Bar button	Label: **Faves**
Toolbar	Absent
List	Empty state placeholder: **Add some events to Faves list!**
No app to open the link error	Error message: **There is no browser installed on your device to open the link**

Design

Design:

YA Book Club Featuring Scythe
Thu, 12 Dec 2019 19:00   ⭐

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YA Book Club Featuring Scythe
Thu, 12 Dec 2019 19:00   ⭐

YA Book Club Meeting
Fri, 27 Dec 2019 19:00   ☆

Romance Book Club
Sun, 08 Dec 2019 12:00   ☆

📅 **Events**   ⭐≣ Favorite

YA Book Club Featuring Scythe
Thu, 12 Dec 2019 19:00   ⭐

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Thu, 12 Dec 2019 19:00   ⭐

📅 Events   ⭐≣ **Favorite**

Technical Implementation Notes

Jira Ticket TP - 008 Database and paging source

1. Table with local data contains server_id, name, date, url
2. Sort events by date
3. Primary key is server_id
4. DateTime index to increase speed of sorting while taking data from database
5. Paging source + relation for reactive data update on UI (if event is updated in the database, the ui is updated automatically)

Jira Ticket TP - 009 Faves events, list item design, open url on item click

1. Pagination adapter implementation (paging 3.0)
2. Pagination adapter should be connected with fragment lifecycle
3. Use design widgets/styles for Title, Body and Secondary text
4. Title and subtitle should be ellipsized on the end
5. Date and time formatting
6. Open url on item click
7. Process no browser installed case
8. Footer with loading state
9. Footer with error state: no internet connection state processing for the next page with retry button
10. Android accessibility support (big font size, big favourite image size, contrast check)

Jira Ticket TP - 010 Pull to refresh on Events screen updates favourite events by id

1. AB test toggle
2. Pull to refresh on Events screen updates favourite events by id if data changed

Jira Ticket TP - 011 Cover flow with UI test

1. Check list visibility and empty placeholder by default
2. Favourite event on events screen, check that icon is toggled on, navigate to Faves screen and check that item is visible
3. Open browser with expected url on item click