

## ACE CAPITAL BETA VERSION REPORT v1.1

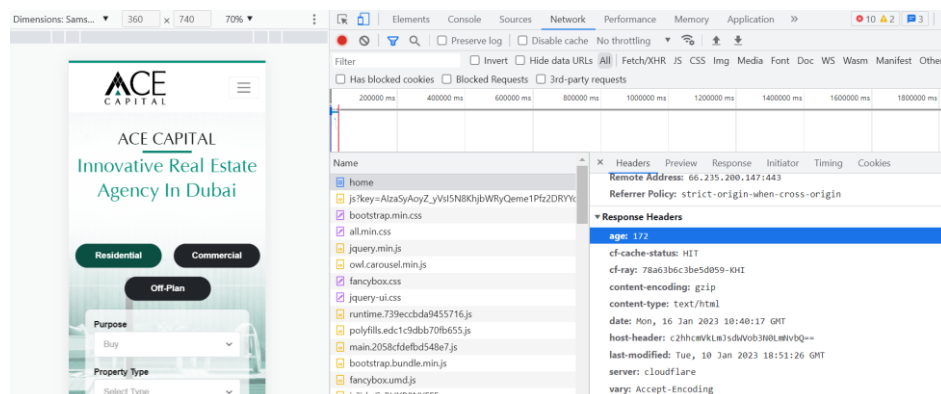
### 1. Angular Cache Busting:

#### a. Backdrop:

- i. Entry point of Front-end of is a Single Page Application (SPA) is served via static 'index.html' built with Angular Framework (AF).
- ii. AF Router (AFR) is intercepting Browser History API to serve different views which have data hardcoded into static index.html.
  - Such View include but not limited to; header and footer sections and menus, contact us page, who we are page, Career page etc.
  - SPA is enforcing UI whereby there is no page reload as normally would be the case in Multi Page Applications (MPA), but at the same note by significant measures web site is not a Progressive Web app (PWA) either.
- iii. Thus, when a perspective user enters URL acecapitalrealty.com, AFR intercepts and updates the URL/address bar/History API to acecapitalrealty.com/home and shows hardcoded view for homepage view, same follows for rest of the URLs.
  - Once acecapitalrealty.com is called upon aka First Load, all associated assets CSS/JS/Images/fonts are loaded and cached locally. No more http calls are made on URL change, except for in app AJAX calls for dynamic content.
- iv. In essence AF and especially SPA are aggressive cache hog by default. Second by the fact that SPA is served via static index.html which is again aggressively cached by the browser, followed by forced mechanism where by AFR intercepts History API and assets are loaded from first load cache.

#### b. Bottleneck:

- i. It is observed that there is no Cache Control Policy (CCP) present in Response Header (RH), neither there is corresponding Meta Value in index.html. Effectively leaving all ends to how browser may see fit.



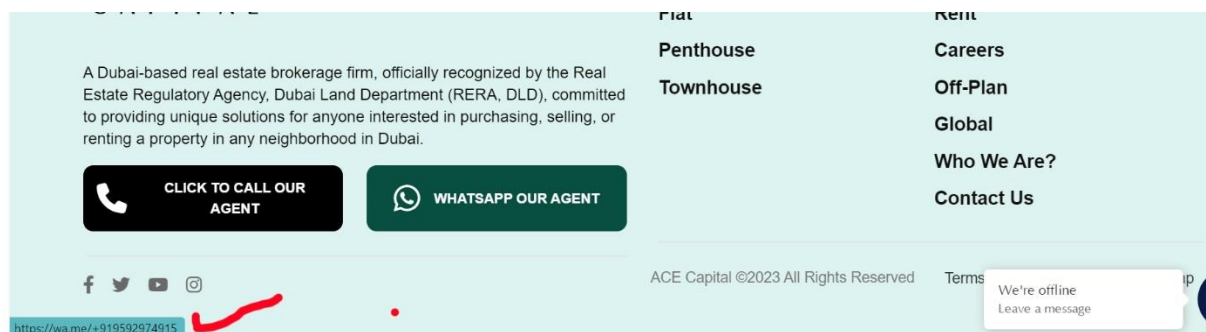
- ii. Thus, on subsequent loads browser cache takes precedent. Any changes made on index.html are never hit upon.

- To overcome the issue either user needs to press Control+F5 (often more than once) or clears browser history. Most undesirable outcome at this point in time of deployment.
- iii. Enforcing CCP to evaluate on hit or implicitly stating expiry either through RH or Meta value may be warranted and deemed critical.

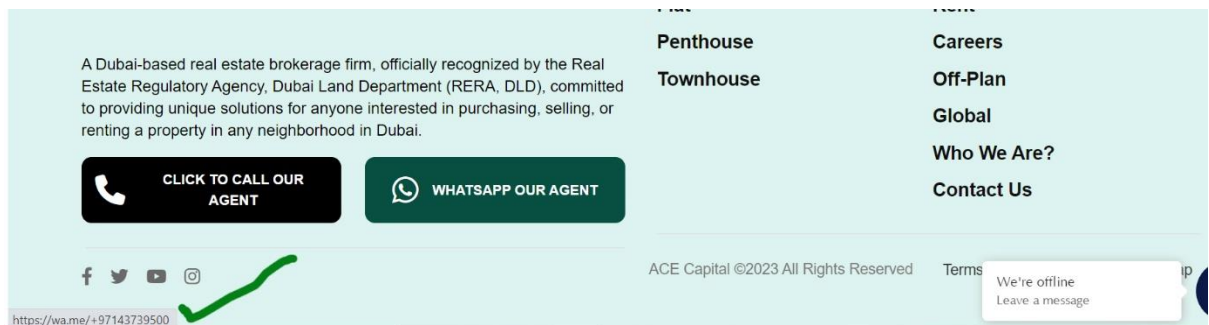
## 2. Hardcoded data in footer:

### a. Backdrop:

- i. 'Click to call our agent' and 'whatsapp our agent' CTA button had hardcoded value which are of agency and not synched with data provided from ACE Capital i.e. tel: +123-456-7890 or <https://wa.me/+919592974915>



- ii. Consequently in an attempt to rectify the anomaly, updated value with tel:+97143739500 and <https://wa.me/+97143739500>. However, faced with below bottleneck.



### b. Bottleneck:

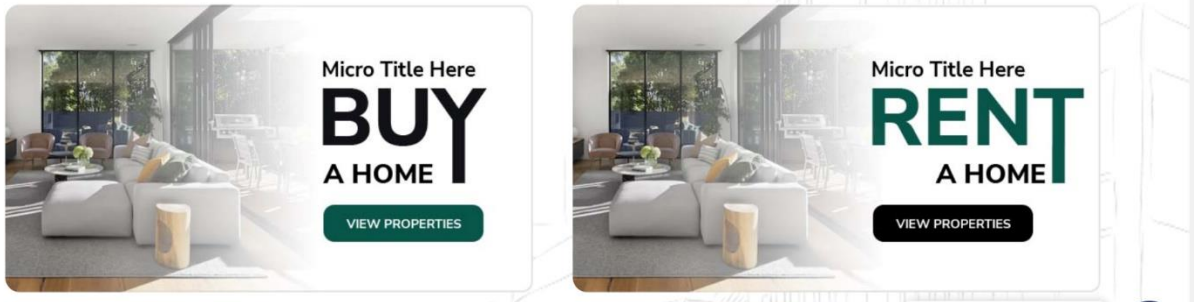
- i. As indicated in Angular Cache Busting section, though the changes were made on core index file it was near impossible task to overcome the cache.
- ii. Discovering the underlying issue and through countless unyielding attempts. It was only when default internal browser cache reevaluated its self (usually done every 24 hours from last request), were changes reflected.
- iii. It is understood SPA by virtue rely on cache, but this does not override the fact a pronounced CCP is required and is an industry standard/essential good practice; which has been overlooked in development of SPA.
- iv. Bottom line it becomes increasingly difficult to incorporate any non-dynamic changes into the application. Nor is acceptable to request all the users to make hard reloads or clear browser history for pesky content changes.

- v. It is an understood eventuality certain changes may be required from time to time, how are those changes expected to translate in absence of CCP, under current stack?

### 3. Property of Week section Image Boxes:

#### a. Backdrop & Bottle Neck:

- i. Agency on initial prototype proposed images as anchor/link. However, it was subsequently agreed by all parties and iteratively confirmed by agency that section is converted to HTML block with individual elements updateable from dashboard.



- ii. On previous occasion agency had shared a visual depiction of html converted boxes, textual data of which was to be updated from dashboard. Surprisingly, the same is missing from delivered SPA and it's still images as per design preview from second week of the project. What ever happened to whole HTML conversion and consequent development efforts thereafter?

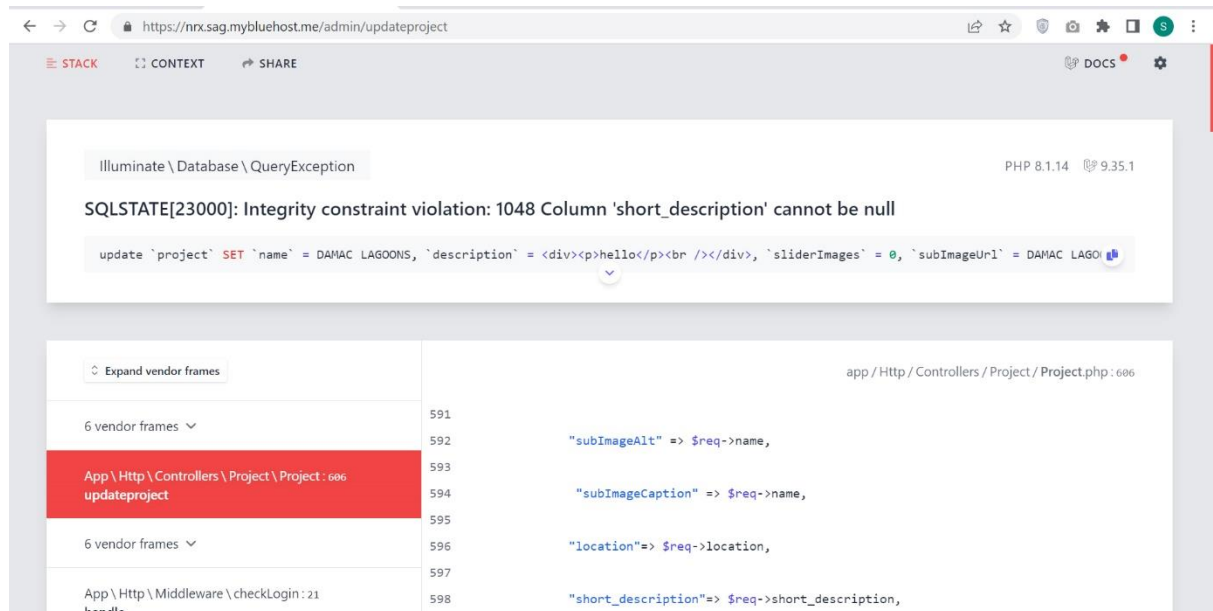
- iii. Delivered feature does not sync with what had been iterated/conveyed/assured nor is agreed deliverable.

### 4. Leaking Errors/Missing front Checks – Development oversight

#### a. Backdrop & Bottlenecks:

- i. It has been observed that on some of dashboard form validation had experienced oversight and instead of on page error hinting throw out larval style error spillage in public view.

- ii. Problem is more profound when updating an entity whereby most form fields lack client side validation as compared to when making new entry.
- iii. Such errors and spillages must not be allowed in production view, let alone escape as an oversight. Not an acceptable development standard.



## 5. Lack of hinting on successful submission of a form:

### a. Backdrop & Bottleneck:

- i. While in dashboard when any given form submission is successful, there is absence of any hint of such.
  - On submission there is white flash and reloaded empty form. IT takes quite a bit of attempts to figure out what had happened.
- ii. It was previously discussed during the meeting while reflecting upon appointment section that same occurs. Hence, it was agreed that there should be some form of hint either through popup or otherwise. However, feature is absent.
- iii. It is more than likely that if form submission is unsuccessful user would be hit with error spillage as aforementioned in section 4.
- iv. This cannot be considered standard UI and security standard at production level and not an industry standard.

## 6. Missing feature in Calendar:

### a. Backdrop & Bottleneck:

- i. SPA has calendar feature through which appointments and operative hours are worked out. It was understood/conveyed/agreed/iterated as per industry wide expectations that;
  - Calendar would have updatable organizational working days section
  - Agents would have their own working schedule and availability which would sync into calendar
  - Only available slots as per intersection of the above two would be made available for perspective public audience to choose from.

- ii. However, while in dashboard there is public holiday menu and one could set public holiday.
- iii. But there is no mechanism to set normal organizational working days, and seemingly there is no other menu that offer the chance to set/update organizational working day schedule.
- iv. While in public view calendar makes disallows Sunday as selectable day, hence is understood developer has made a permanently hard coded values into system.
- v. Interestingly within dashboard appointment section lets user select any day for appointment including Saturday and Sunday. Although there is an agent time slot option, which is second element of the puzzle, and by virtue does not universally cover the points for organizational working days.
- vi. Flow points to anomalies that are effectively negating the above three points, what if working days change in future?

The image displays three screenshots of the ACE Capital dashboard, illustrating the system's handling of public holidays and appointments.

**Top Screenshot: Public Holiday Management**  
 The URL is <https://nrx.sag.mybluehost.me/admin/public-holiday>. The interface shows a calendar for January 2023. A sidebar on the left contains navigation links: Dashboard, Appointments, Media, Request Callback, ACCOUNTS (Users, Role), PROJECTS LISTING (Projects, Wishlist), BLOGS (Blogs), Public Holiday, and Settings. The main calendar area has a search bar, a date range selector (Today), and a calendar grid. A red circle highlights the 'Public Holiday' menu item in the sidebar.

**Middle Screenshot: New Appointment Form**  
 The URL is <https://nrx.sag.mybluehost.me/admin/AddManualAppointment>. The form includes fields for Appointment Status, Remark, First Name, Last Name, Email, Phone, Agent Location, Property, Date, and Time. A red circle highlights the date selection dropdown, which shows a calendar for January 2023. The date '2023-01-29' is selected.

**Bottom Screenshot: Agent Time Slot Configuration**  
 The URL is <https://nrx.sag.mybluehost.me/admin/user-agentTimeSlot>. The interface shows a table for configuring agent time slots for each day of the week (Monday through Sunday). The table has columns for start, end, and total time slots. A red circle highlights the 'Agent Time Slot' menu item in the sidebar.

**SCHEDULE A TOUR**

January 2023

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Select Date

Last Name

Phone

Time

Close Submit

## 7. Range Slider:

### a. Backdrop & Bottleneck:

- Range Slider was added where by user may select price range. However, it is observed often when releasing the slider minimum or maximum range gauge, whole slider goes bzurk and starts flickering, moving and numbers keep changing in an infinite count down mode. This anomaly needs fixing;

ACE CAPITAL

Buy Rent Off-Plan Global Who We Are? Contact Us

BOOK PROPERTY VISIT

Home / Property Listing

Community or building

Property Type Buy

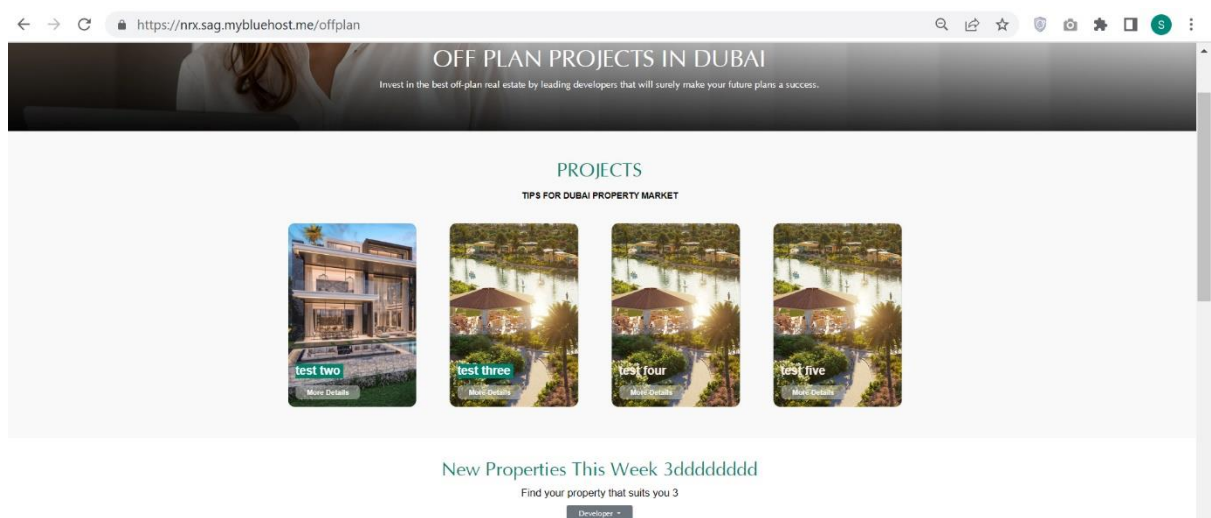
Price Range 12601000 100000000

Beds More Filters

## 8. Auto Run slider at Off-Plan Page:

### a. Backdrop & Bottleneck:

- On Off-Plan there is featured slide show format box, listing all the active projects at hand. User has the option to slide content left or right, however there is no indication of arrow keys or pebbles at the footer (a common industry wide practice to hint user for interaction).
- It is desired that slider may instantiate auto run, and either arrow keys or footer pebbles be incorporated along with current feature of swipe slide.

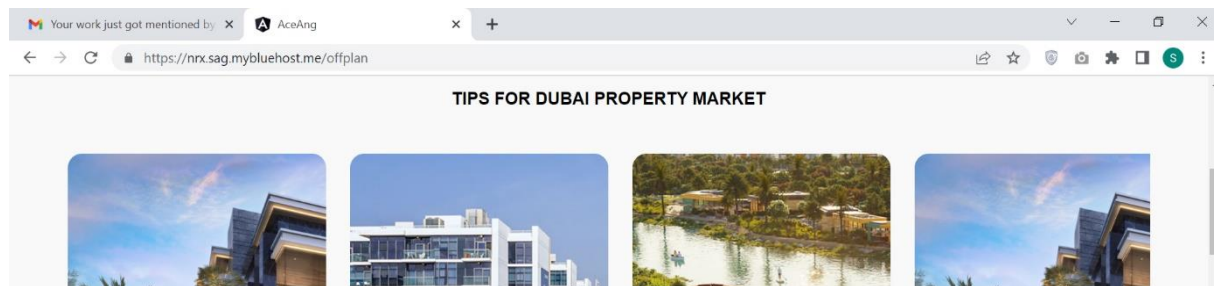




## 9. Website Vitals:

### a. Backdrop & Bottlenecks:

- i. Website title reads as 'AceAng' needs to be corrected with minimum Value of 'Ace Capital Realty'.
- ii. Favicon is of Angular Icon, needs to be corrected with Ace Capital Realty Favicon
- iii. Meta Description is Missing
- iv. Charset encoding is missing



## 10. Supper Admin Credential Not working:

- a. As of 17/01/2023 12:20 DXB supper admin credentials stopped working to further examine the dashboard. Anomaly needs attention.

