Marketplace / Asset list

Version history

ver.	Changes	date
1.0.1	Document started	
1.0.1	First ready version	06.09.19
1.0.2	Updated according to the concept 1. Timezone 2. Filtering 3. Search appearance	10.09.19

1. Introduction

1. Abbreviations

2. Feature description

3. Reference documentation

Asset Digitalization SRS

4. Roles with access

3. Investor's view (Marketplace)

0. Timezone consideration

All time and date should be timezone-consider. That means that the Asset_Timezone should be set as the original timezone.
Example:
Asset_Timezone = +3
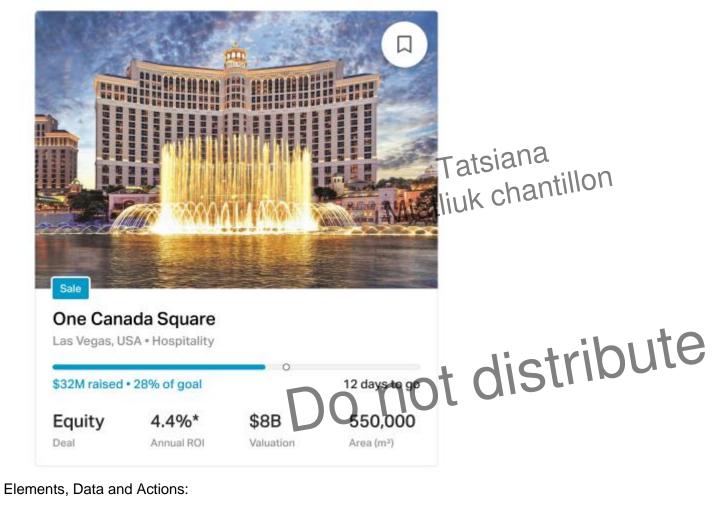Sale_Start = 20.09.29 18:00:00 (Asset_Timezone)

Investor's regional timezone is UTC+6;
Investor's **regional** time is 20.09.19 19:00:00 - seems sales should start, but no:
Investor's **asset-related time** (runtime) = Investor's Regional Time - Investor's Regional Timezone + Asset_Timezone (20.09.19 16:00:00 - 3 hours to the Sale start)

All time-dependent actions are to be based on Asset_Timezone and Asset time parameters. Calculations are in runtime

2. "Offering" card

Sale

One Canada Square

Las Vegas, USA • Hospitality

$32M raised • 28% of goal

12 days to go

Equity	4.4%*	$8B	550,000
Deal	Annual ROI	Valuation	Area (m²)

Elements, Data and Actions:

Element	Data	Comments
(Asset Image)	Photo_File #1	

("Favourite" marker)	N/A	Puts Asset/Offering to the Viewer's "Favourites" list
("Status" label)	Offering_Status	Only: +Ready_For_Issuance +Pre_Sale +Sale +Closed
(Asset name)	Asset_Name	
(Location)	Asset_Address	
(Main usage)	Property_Main_Type	
(Progress bar*)	see below (Progress bar)	Only for Offering_Status: +Pre_Sale +Pre_Sale_Recon +Sale
Deal	Deal_Type	
Annual ROI / Interest	= Annual_Report (Current_Year): Net_Income / Property_Income * 100% (Annual ROI for Deal_Type = Equity) OR = Interest_Rate (Interest for Deal_Type = Debt)	Rounded to ,2 "*" mark for Is_Value_Assumed = TRUE
Valuation	Annual_Report (Current_Year): Property_Value	Roundified + Asset_Currency
Area	Property_Area (translated) + viewer's area units	Shown in selected units. Roundification to ,2

1.

2. Progress bar

1. Progress bar: Min = 0; Max = Hard_Cap; Value = Funds_Raised; Marker = Soft_Cap
2. Funds raised = Asset_Currency + Funds_Raised
3. % of goal = Funds_Raised / Hard_Cap * 100%
4. Deadline: depending on status

a. Pre_Sale status: Campaign_Start_Date + Pre_Sale_Period + Pre_Sale_Extension_Period - Current_Date (Consider Timezones)
b. Sale status: Sale_Start_Date + Sale_Period + Sale_Extension_Period - Current_Date (Consider Timezones)

3. Roundification principles (for valuation)

1. <1 000: no roundification
2. 1 000 - ex. 1 000 000: NK (e.g. 57 536 -> 58K)
3. 1 000 000 - ex.1 000 000 000: N;2M (e.g. 3 535 234 -> 3.54M)
4. >1 000 000 000: N;1B (e.g. 7 367 850 000 -> 7,4B)

Data to be roundified will be marked

4. Area units selection and translation table

Asset area unit is stored in the DB as fixed value. Displaying areas in units different from the Asset_Area_Unit requires runtime conversion:

Area value display (DV)	Display Unit = sqr.m	Display unit = sqr.ft
Asset Unit = sqr.m	DV = Asset area * 1	DV = Asset area * 10,76391
Asset Unit = sqr.ft	DV = Asset area * 0,0929903	DV = Asset area * 1

Note: all conversions are made in runtime and are not stored anywhere

5. Marketplace layout

1. Status areas

In the initial marketplace screen the cards are grouped by the following Offering_Statuses:

1. Sale (In-Sale)
2. Pre_Sale (In Pre-Sale)
3. Ready_For_Issuance (Upcoming)
4. Closed (Funded successfully)

Each status area should have the overall No. of assets of the current status and **functionality** to filter cards by the appropriate status

Limitations / Pagination:
1. Each area should contain up to 2 rows of offering cards
2. Each row should contain up to 5 offering cards (limit is set by the browser resolution)

2. Status-filtered

By activating the area selector the offering cards are filtered according to the appropriate status.
Limitations and Pagination:
1. Each row should contain up to 5 offering cards (limit is set by the browser resolution)
2. Limit of rows - unlimited
3. Consider functional pagination upon scrolling

1. Breadcrumbs

Breadcrumbs are available in the Status-filtered mode to provide return to the homeview of the marketplace
1. level1 - Marketplace
2. level2 - [filter naming]

6. Filtering

Fields to be considered and data range
1. Deal_Type (multi-choice):
a. Deal
b. Equity
2. Main_Usage (multi-choice):
. see Asset Digitalization: List of usage
3. ROI / Interest rate (range):
. Min: min ROI / Interest rate from the filtered

    a.   Max: max ROI / Interest rate from the filtered
      4.   Asset_Country (multiselect):
     .   List of focus countries (take from the List of Countries):
  i.   United States
  ii.   United Kingdom
  iii.   Germany
  iv.   France
  v.   Italy
   a.   "Other" option selects all countries except unselected focus countries
   b.   search-select
   .   operates under standard search rules within List of Countries
   c.   Selected countries appear on top of the filter list
   d.   Deselected countries (except focus countries) dissapear from the filter list
      5.   Valuation (range):
   .   Min: min valuation from the filtered
  a.   Max: max valuation from the filtered
      6.   Status:
   .   Pre-Sale
  a.   Sale
  b.   Upcoming
  c.   Closed

Filtered results are sorted according to the selected sorting settings.

Filtered results are displayed as the list (not in status areas).

7.   Sorting

Sorting principles:
      1.   1...0; A_Z increasing and vice versa
      2.   Sorting by:
  a.   Asset_Name
  b.   Asset_Country
  c.   Main_Usage
  d.   ROI / interest rate value

e. Valuation amount
f. Deal Type
g. <mark>Time to deadline (Status_Change_Time - Current_Time)</mark>
h. <mark>Offering Creation_Timestamp</mark>

Sorting is performed within the filtered cards
Default sorting: Offering: Creation_Timestamp (decreasing) (meaning the very fresh ones first)

8. Searching

Search results are displayed without status areas
Search results are displayed according selected filters and sorting.

1. Search behavior

1. Search should be based on the "proposition" principles
2. Proposition appears beginning from 3 letters in the search
3. Proposition include field values that have searched letters **in a row,** case-insensitive

2. Search fields

1. Asset_Name (proposition based on the AssetInf)
2. Asset_City (Proposition based on the AssetInf)
3. Asset_Country (Proposition based on the **List of countries**)
4. Asset_Main_Usage (Proposition based on the **List of usage**)