Template
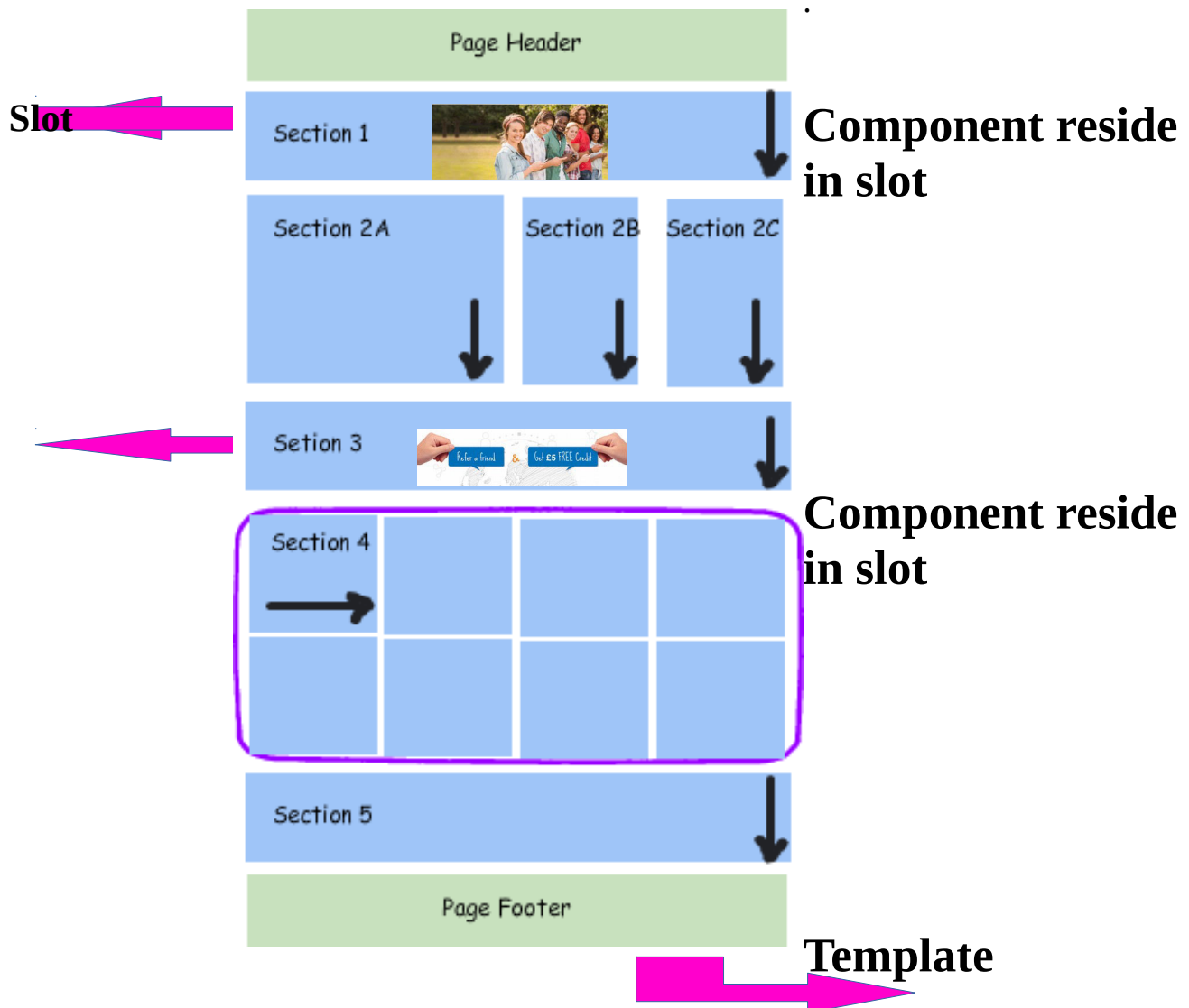
Template is nothing but Structure of Page or Bluprint of page.Based on templateStructure our page displays like this

The diagram identifies two main component types of page template layouts:

- Green boxes: Static components; the content in these areas does not change on the different pages of the storefront.(like navigatinbar, headeComponents,footercomponents)
- Blue boxes: Content slots; the content in these areas is dynamic.

The purple lines illustrate the grouping of content items within a content slot.

Content items are assigned to content slots within the hybris WCMS Cockpit. All content slots support multiple content items, and the arrows within a content slot denote the direction content items are rendered by the layout. A content slot which contains no content items renders nothing to the page.

Content slots have certain size constraints on content items, and modify the content item size as follows:

- If the content item size is smaller than the size of the content slot, the content item stretches to fill the space.
- If the content item size is larger than the size of content slot, the content item is shrunk to the content slot size.
- If the content slot has no size constraint, the content item takes as much space as required.

The following table describes the size constraints and flow direction of content items within the content slots of the layout:

Slot	Horizontal sizeconstraint	vertical sizeconstraint	flowdirection
Slot 1	Full page width	Unlimited	Vertical
Slot 2A	Half page width	Unlimited	Vertical
Slot 2B	Quarter page width	Unlimited	Vertical
Slot 2C	Quarter page width	Unlimited	Vertical
Slot 3	Full page width	Unlimited	Vertical
Slot 4	Quarter page width	Unlimited	Horizontal, wrapping after four slots
Slot 5	Full page width	Unlimited	Vertical

- ➢ Template have differentSlots in that some of the slots are assigned staiccomponentes these components are common to allpages(these slots are assigned components in ContslotForpageTemplate when we creating a template) .
- ➢ Some the solts assign the compots dynamically(these slots leave as empty when we creating Template)

Note:One template can uses many pages but one page can use only one template

For Creating a Template We have to create Following files

- **Create impex file for template**
- **create Jsp page which is based on template defined in Impexfile**
- **Create vm file which is used for Cscockpit**

Task1: Create the Template for lycamobilehomepage

1.Create the impex file for template and import

Lycamobilehomepage.impex

Add Velocity templates that are in the CMS Cockpit. These give a better layout for editing pages
The FileLoaderValueTranslator loads a File into a String property. The templates could also be
inserted in-line in this file.

#
Import the CMS content for the B2C Telco site
#
$contentCatalog=b2ctelcoContentCatalog
$contentCV=catalogVersion(CatalogVersion.catalog(Catalog.id[default=$contentCatalog]),Catalog
Version.version[default=Staged])[default=$contentCatalog:Staged]

Import modulegen config properties into impex macros
UPDATE
GenericItem[processor=de.hybris.platform.commerceservices.impex.impl.ConfigPropertyImportPr
ocessor];pk[unique=true]
$jarResourceCms=$config-jarResourceCmsValue
$jarResourceCmsTelco=jar:de.hybris.platform.b2ctelcostore.setup.B2ctelcoStoreSystemSetup&/b
2ctelcostore/import/cockpits/cmscockpit
$addonExtensionName=b2ctelcostorefront

INSERT_UPDATE PageTemplate;
$contentCV[unique=true];uid[unique=true];name;frontendTemplateName;restrictedPageTypes(cod
e);active[default=true]
;;LycaHomePageTemplate;laycaMobile Home page
Template;layout/lycaHomepage;CategoryPage,ContentPage

UPDATE PageTemplate;
$contentCV[unique=true];uid[unique=true];velocityTemplate[translator=de.hybris.platform.comm
erceservices.impex.impl.FileLoaderValueTranslator]
 ;;LycaHomePageTemplate;$jarResourceCms/structure-
view/structure_LycaHomePageTemplate.vm

INSERT_UPDATE ContentSlotName;name[unique=true];template(uid,$contentCV)[unique=true]
[default='LycaHomePageTemplate'];validComponentTypes(code);compTypeGroup(code)

```
;SiteLogo;;;logo
;HeaderLinks;;;headerlinks
;SearchBox;;;searchbox
;MiniCart;;;minicart
;NavigationBar;;;navigation
;Section1A;;;wide
;Section1B;;;narrow
;Section2A;;;wide
;Section2B;;;narrow
;Section2C;;;narrow
;Section3;;;wide
;Section4;;;narrow
;Section5;;;wide
;Footer;;;footer
;TopHeaderSlot;;;wide
;BottomHeaderSlot;;;wide
;PlaceholderContentSlot;;;


INSERT_UPDATE ContentSlotForTemplate;
$contentCV[unique=true];uid[unique=true];position[unique=true];pageTemplate(uid,$contentCV)
[unique=true][default='LycaHomePageTemplate'];contentSlot(uid,$contentCV)
[unique=true];allowOverwrite
;;SiteLogo-Lycahomepage1;SiteLogo;;SiteLogoSlot;true
;;HomepageLink-Lycahomepage;HomepageNavLink;;HomepageNavLinkSlot;true
;;NavigationBar-Lycahomepage;NavigationBar;;NavigationBarSlot;true
;;MiniCart-Lycahomepage;MiniCart;;MiniCartSlot;true
;;Footer-Lycahomepage1;Footer;;FooterSlot;true
;;HeaderLinks-Lycahomepage;HeaderLinks;;HeaderLinksSlot;true
;;SearchBox-Lycahomepage;SearchBox;;SearchBoxSlot;true
;;TopHeaderSlot-Lycahomepage;TopHeaderSlot;;TopHeaderSlot;true
;;BottomHeaderSlot-Lycahomepage;BottomHeaderSlot;;BottomHeaderSlot;true
;;PlaceholderContentSlot-Lycahomepage;PlaceholderContentSlot;;PlaceholderContentSlot;true



INSERT_UPDATE ContentPage;
$contentCV[unique=true];uid[unique=true];name;masterTemplate(uid,
$contentCV);label;defaultPage[default='true'];approvalStatus(code)
[default='approved'];homepage[default='true']
;;lycahomepage;Lyca Homepage;LycaHomePageTemplate;/lycahomepage
```

Note: homepage[default='true'] means comming home page our content page which is using the out lycamobile Template

FixedSlots for Template	DynamicSlots for Pages
SiteLogo;;;logo ;HeaderLinks;;;headerlinks ;SearchBox;;;searchbox ;MiniCart;;;minicart ;NavigationBar;;;navigation ;Footer;;;footer	;Section1A;;;wide ;Section1B;;;narrow ;Section2A;;;wide ;Section2B;;;narrow ;Section2C;;;narrow ;Section3;;;wide ;Section4;;;narrow ;Section5;;;wide ;TopHeaderSlot;;;wide ;BottomHeaderSlot;;;wide ;PlaceholderContentSlot;;;

2.Create the lycamobile jsp page in layout folder in this path

lycamobilestorefront/web/webroot/WEB-INF/views/desktop/pages/layout/landingLayout1Page.jsp

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landingLayout1Page.jsp

```jsp
<%@ page trimDirectiveWhitespaces="true" %>
<%@ taglib prefix="template" tagdir="/WEB-INF/tags/desktop/template" %>
<%@ taglib prefix="cms" uri="http://hybris.com/tld/cmstags" %>
<%@ taglib prefix="common" tagdir="/WEB-INF/tags/desktop/common" %>

<template:page pageTitle="${pageTitle}">

        <div id="globalMessages">
                <common:globalMessages/>
        </div >
        <div class="span-24 section1">
        <cms:pageSlot position="Section1A" var="feature" element="div"   class="span-18
section1 ">
                <cms:component component="${feature}" />
        </cms:pageSlot>
        <cms:pageSlot position="Section1B" var="feature" element="div"   class="span-6 section1
">
                <cms:component component="${feature}" />
        </cms:pageSlot>
        </div>
        <div class="span-24 section2">
                <cms:pageSlot position="Section2A" var="feature" element="div" class="span-12
zone_a cms_disp-img_slot">
```

```
                    <cms:component component="${feature}"/>
            </cms:pageSlot>
            <cms:pageSlot position="Section2B" var="feature" element="div" class="span-6
zone_b thumbnail_detail">
                    <cms:component component="${feature}"/>
            </cms:pageSlot>
            <cms:pageSlot position="Section2C" var="feature" element="div" class="span-6
zone_c last thumbnail_detail">
                    <cms:component component="${feature}"/>
            </cms:pageSlot>2cccccccccccccccccccccccccc
        </div>
        <cms:pageSlot position="Section3" var="feature" element="div" class="span-24 section3
cms_disp-img_slot">
            <cms:component component="${feature}"/>
        </cms:pageSlot>
        <cms:pageSlot position="Section4" var="feature" element="div" class="span-24">
            <cms:component component="${feature}" element="div" class="span-6 section4
small_detail ${(elementPos%4 == 3) ? 'last' : ''}"/>
        </cms:pageSlot>
        <cms:pageSlot position="Section5" var="feature" element="div" class="span-24 section5
cms_disp-img_slot">
            <cms:component component="${feature}"/>
        </cms:pageSlot>


</template:page>
```

3.Create the vm file lycamobile Following path

lycamobilecore/import/cockpits/cmscockpit/structure-view/structure-Lycahomepage.vm

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structure-Lycahomepage.vm

```
<div>
    <table width="100%" cellspacing="0" style="margin:0;padding:0;table-
layout:auto;border:1px solid #1E4EBF;">
        <tbody>
            <tr>
                <td colspan="5" class="structureViewSection">
                    <cockpit code="TopHeaderSlot"/>
                </td>
            </tr>
            <tr>
                <td colspan="2" height="125px" width="35%" rowspan="2"
class="structureViewSection">
                    <cockpit code="SiteLogo" />
                </td>
                <td colspan="2" class="structureViewSection">
```

```html
                                <cockpit code="HeaderLinks" />
                                <cockpit code="SearchBox" />
                </td>
                <td width="20%" rowspan="2" class="structureViewSection">
                                <cockpit code="MiniCart" />
                </td>
        </tr>
        <tr>
                <td colspan="5" class="structureViewSection">
                                <cockpit code="NavigationBar" />
                </td>
        </tr>
        <tr>
                <td colspan="5" class="structureViewSection">
                                <cockpit code="BottomHeaderSlot"/>
                </td>
        </tr>
        <tr>
                <td colspan="5" style="vertical-align:top;"
class="structureViewSection">
                                <cockpit code="Section1" />
                </td>
        </tr>
        <tr>
                <td width="25%" height="249px" style="vertical-align:top;"
class="structureViewSection">
                                <cockpit code="Section2A" />
                </td>
                <td colspan="2" width="25%" height="249px" style="vertical-
align:top;" class="structureViewSection">
                                <cockpit code="Section2B" />
                </td>
                <td colspan="2" height="249px" style="vertical-align:top;"
class="structureViewSection">
                                <cockpit code="Section2C" />
                </td>
        </tr>
        <tr>
                <td colspan="5" style="vertical-align:top;"
class="structureViewSection">
                                <cockpit code="Section3" />
                </td>
        </tr>
        <tr>
                <td colspan="5" height="249px" style="vertical-align:top;"
class="structureViewSection">
                                <cockpit code="Section4" />
                </td>
        </tr>
        <tr>
                <td colspan="5" style="vertical-align:top;"
class="structureViewSection">
```

```
                            <cockpit code="Section5" />
                        </td>
                </tr>
                <tr>
                        <td height="270px" colspan="5" class="structureViewSection">
                                <cockpit code="Footer" />
                        </td>
                </tr>
        </tbody>
</table>
<div style="width:100%; border-top: 2px solid #bbb" class="cmsContentEditor">
        <cockpit code="editor" />
</div>
</div>
```