package com.twitter.product\_mixer.component\_library.pipeline.candidate.who\_to\_follow\_module

import com.twitter.product\_mixer.component\_library.candidate\_source.account\_recommendations\_mixer.WhoToFollowModuleFooterFeature

import com.twitter.product\_mixer.component\_library.candidate\_source.account\_recommendations\_mixer.WhoToFollowModuleHeaderFeature

import com.twitter.product\_mixer.component\_library.decorator.urt.UrtItemCandidateDecorator

import com.twitter.product\_mixer.component\_library.decorator.urt.UrtItemInModuleDecorator

import com.twitter.product\_mixer.component\_library.decorator.urt.builder.item.user.UserCandidateUrtItemBuilder

import com.twitter.product\_mixer.component\_library.decorator.urt.builder.metadata.ClientEventInfoBuilder

import com.twitter.product\_mixer.component\_library.decorator.urt.builder.metadata.StaticUrlBuilder

import com.twitter.product\_mixer.component\_library.decorator.urt.builder.promoted.FeaturePromotedMetadataBuilder

import com.twitter.product\_mixer.component\_library.decorator.urt.builder.social\_context.WhoToFollowSocialContextBuilder

import com.twitter.product\_mixer.component\_library.decorator.urt.builder.stringcenter.StrStatic

import com.twitter.product\_mixer.component\_library.decorator.urt.builder.timeline\_module.ModuleFooterBuilder

import com.twitter.product\_mixer.component\_library.decorator.urt.builder.timeline\_module.ModuleHeaderBuilder

import com.twitter.product\_mixer.component\_library.decorator.urt.builder.timeline\_module.TimelineModuleBuilder

import com.twitter.product\_mixer.component\_library.model.candidate.UserCandidate

import com.twitter.product\_mixer.core.functional\_component.decorator.CandidateDecorator

import com.twitter.product\_mixer.core.functional\_component.decorator.Decoration

import com.twitter.product\_mixer.core.functional\_component.decorator.urt.builder.metadata.BaseFeedbackActionInfoBuilder

import com.twitter.product\_mixer.core.functional\_component.decorator.urt.builder.timeline\_module.BaseModuleDisplayTypeBuilder

import com.twitter.product\_mixer.core.model.common.CandidateWithFeatures

import com.twitter.product\_mixer.core.model.marshalling.response.urt.EntryNamespace

import com.twitter.product\_mixer.core.model.marshalling.response.urt.metadata.DeepLink

import com.twitter.product\_mixer.core.pipeline.PipelineQuery

import com.twitter.stitch.Stitch

object WhoToFollowArmCandidateDecorator {

val ClientEventComponent = "suggest\_who\_to\_follow"

val EntryNamespaceString = "who-to-follow"

}

case class WhoToFollowArmCandidateDecorator[-Query <: PipelineQuery](

moduleDisplayTypeBuilder: BaseModuleDisplayTypeBuilder[Query, UserCandidate],

feedbackActionInfoBuilder: Option[

BaseFeedbackActionInfoBuilder[Query, UserCandidate]

]) extends CandidateDecorator[Query, UserCandidate] {

override def apply(

query: Query,

candidates: Seq[CandidateWithFeatures[UserCandidate]]

): Stitch[Seq[Decoration]] = {

val clientEventDetailsBuilder = WhoToFollowClientEventDetailsBuilder(TrackingTokenFeature)

val clientEventInfoBuilder = ClientEventInfoBuilder[Query, UserCandidate](

WhoToFollowArmCandidateDecorator.ClientEventComponent,

Some(clientEventDetailsBuilder))

val promotedMetadataBuilder = FeaturePromotedMetadataBuilder(AdImpressionFeature)

val socialContextBuilder =

WhoToFollowSocialContextBuilder(SocialTextFeature, HermitContextTypeFeature)

val userItemBuilder = UserCandidateUrtItemBuilder(

clientEventInfoBuilder = clientEventInfoBuilder,

promotedMetadataBuilder = Some(promotedMetadataBuilder),

socialContextBuilder = Some(socialContextBuilder))

val userItemDecorator = UrtItemCandidateDecorator(userItemBuilder)

val whoToFollowModuleBuilder = {

val whoToFollowHeaderOpt = query.features.map(\_.get(WhoToFollowModuleHeaderFeature))

val whoToFollowFooterOpt = query.features.flatMap(\_.get(WhoToFollowModuleFooterFeature))

val whoToFollowModuleHeaderBuilder = whoToFollowHeaderOpt.flatMap(\_.title).map { title =>

ModuleHeaderBuilder(textBuilder = StrStatic(title), isSticky = Some(true))

}

val whoToFollowModuleFooterBuilder = whoToFollowFooterOpt.flatMap(\_.action).map { action =>

ModuleFooterBuilder(

textBuilder = StrStatic(action.title),

urlBuilder = Some(StaticUrlBuilder(action.actionUrl, DeepLink)))

}

TimelineModuleBuilder(

entryNamespace = EntryNamespace(WhoToFollowArmCandidateDecorator.EntryNamespaceString),

clientEventInfoBuilder = clientEventInfoBuilder,

displayTypeBuilder = moduleDisplayTypeBuilder,

headerBuilder = whoToFollowModuleHeaderBuilder,

footerBuilder = whoToFollowModuleFooterBuilder,

feedbackActionInfoBuilder = feedbackActionInfoBuilder,

)

}

UrtItemInModuleDecorator(

userItemDecorator,

whoToFollowModuleBuilder

).apply(query, candidates)

}

}