package com.twitter.home\_mixer.product.scored\_tweets.feature\_hydrator

import com.twitter.home\_mixer.model.HomeFeatures.UserStateFeature

import com.twitter.home\_mixer.service.HomeMixerAlertConfig

import com.twitter.product\_mixer.core.feature.Feature

import com.twitter.product\_mixer.core.feature.featuremap.FeatureMap

import com.twitter.product\_mixer.core.feature.featuremap.FeatureMapBuilder

import com.twitter.product\_mixer.core.functional\_component.feature\_hydrator.QueryFeatureHydrator

import com.twitter.product\_mixer.core.model.common.identifier.FeatureHydratorIdentifier

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

import com.twitter.stitch.Stitch

import com.twitter.timelines.user\_health.v1.{thriftscala => uhv1}

import com.twitter.timelines.user\_health.{thriftscala => uh}

import com.twitter.user\_session\_store.ReadOnlyUserSessionStore

import com.twitter.user\_session\_store.ReadRequest

import com.twitter.user\_session\_store.UserSessionDataset

import com.twitter.user\_session\_store.UserSessionDataset.UserSessionDataset

import javax.inject.Inject

import javax.inject.Singleton

@Singleton

case class UserStateQueryFeatureHydrator @Inject() (

userSessionStore: ReadOnlyUserSessionStore)

extends QueryFeatureHydrator[PipelineQuery] {

override val identifier: FeatureHydratorIdentifier =

FeatureHydratorIdentifier("UserState")

override val features: Set[Feature[\_, \_]] = Set(UserStateFeature)

private val datasets: Set[UserSessionDataset] = Set(UserSessionDataset.UserHealth)

override def hydrate(query: PipelineQuery): Stitch[FeatureMap] = {

userSessionStore

.read(ReadRequest(query.getRequiredUserId, datasets))

.map { userSession =>

val userState = userSession.flatMap {

\_.userHealth match {

case Some(uh.UserHealth.V1(uhv1.UserHealth(userState))) => userState

case \_ => None

}

}

FeatureMapBuilder()

.add(UserStateFeature, userState)

.build()

}

}

override val alerts = Seq(

HomeMixerAlertConfig.BusinessHours.defaultSuccessRateAlert(99.9)

)

}