CSC 342 Project Proposal

Web Development Members
Team 6
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Design Members
Team 1
Mark Malek mwmalek@ncsu.edu
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Tagline:
Improving project management through visual timelines and qualitative analysis.

Approach:

They key user interface items that they want to be delivered are a functioning animated timeline that has the ability to be shifted in two week chunks. Also, they want the opacity to change based on what state the timeline and selection are in. They want the ability to have an accordion type list that will open with a ‘’foldering” motion. They also wanted to include their graph image in the final analysis display.

To implement their design we will be using jQuery to animate changes so they are transitions and not immediate and jarring. We will be using state changes to make elements hidden/shown for display purposes. In addition, we will be using some of their rendered images for backgrounds and such.

As our references, we will be looking at codepen to see if there are are any timelines or accordions that we can base our designs off of. We will also be using a fair number of jQuery calls to use the animate and transition of opacity. We will also be searching for the ‘foldering’ design that they wanted to employ.

Early prototypes:

Please see attached images below from the design members. We are going to try to bring their design to life as close as possible.

Grading milestones:

Milestone	**Potential Credit**
Static surrounding UI (pretty)	15%
Working timeline 1. Gradient coloring based on time shift from current date 2. Drag to move in two week increments 3. Color coded to match different projects 4. Things become opaque based on project state	35%
Click on project 1. Causes other parts of the UI to become opaque 2. Displays date relevant to the current selected project 3. Allows filtering by project details	25%
Graph of analysis 1. Graph that details information about a project	25%
Foldering effects 1. Pretty animated effect when certains parts of UI ‘open’ to show details	+10% Extra credit
Comments page 1. Shows comments that have been made about a project	+10% Extra credit

Image 1:

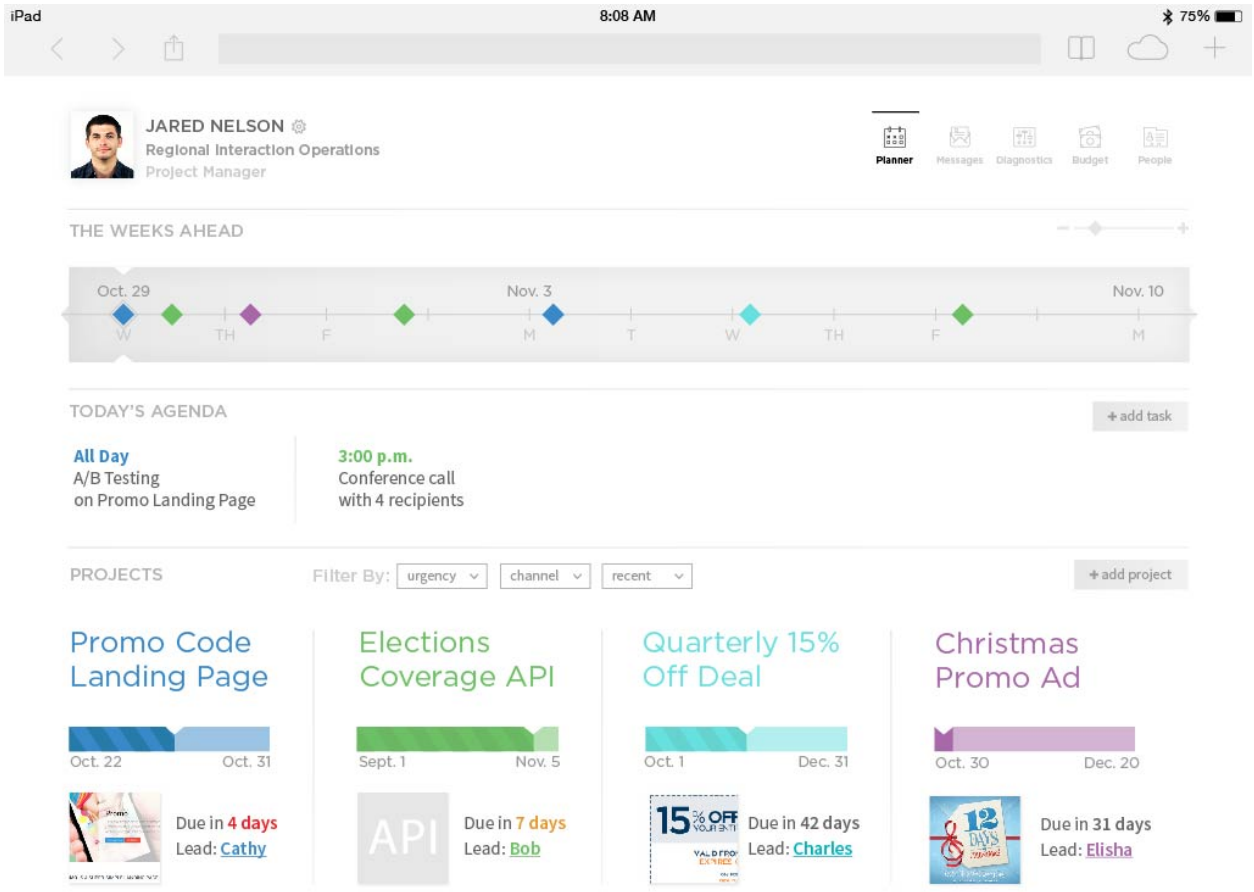
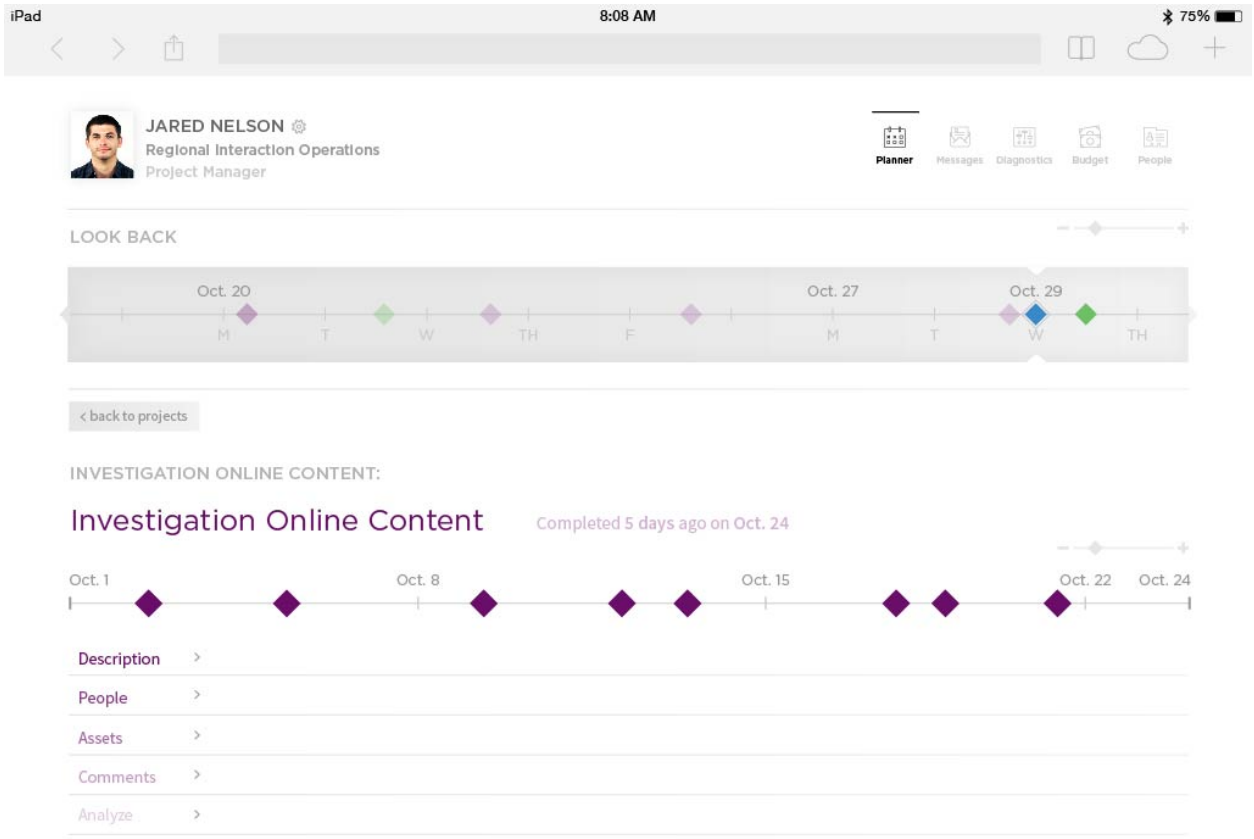

iPad
8:08 AM
75%
JARED NELSON
Regional Interaction Operations
Project Manager
Planner
Messages
Diagnostics
Budget
People
THE WEEKS AHEAD
Oct. 29
Nov. 3
Nov. 10
W
TH
F
M
T
W
TH
F
M
TODAY'S AGENDA
+ add task
All Day
A/B Testing
on Promo Landing Page
3:00 p.m.
Conference call
with 4 recipients
PROJECTS
Filter By:
urgency
channel
recent
+ add project
Promo Code Landing Page
Oct. 22
Oct. 31
Due in 4 days
Lead: Cathy
Elections Coverage API
Sept. 1
Nov. 5
API
Due in 7 days
Lead: Bob
Quarterly 15% Off Deal
Oct. 1
Dec. 31
15% OFF
Due in 42 days
Lead: Charles
Christmas Promo Ad
Oct. 30
Dec. 20
12 DAYS
Due in 31 days
Lead: Elisha

Image 2: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JARED NELSON
Regional Interaction Operations
Project Manager
Planner
Messages
Diagnostics
Budget
People
LOOK BACK
Oct. 20
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Oct. 29
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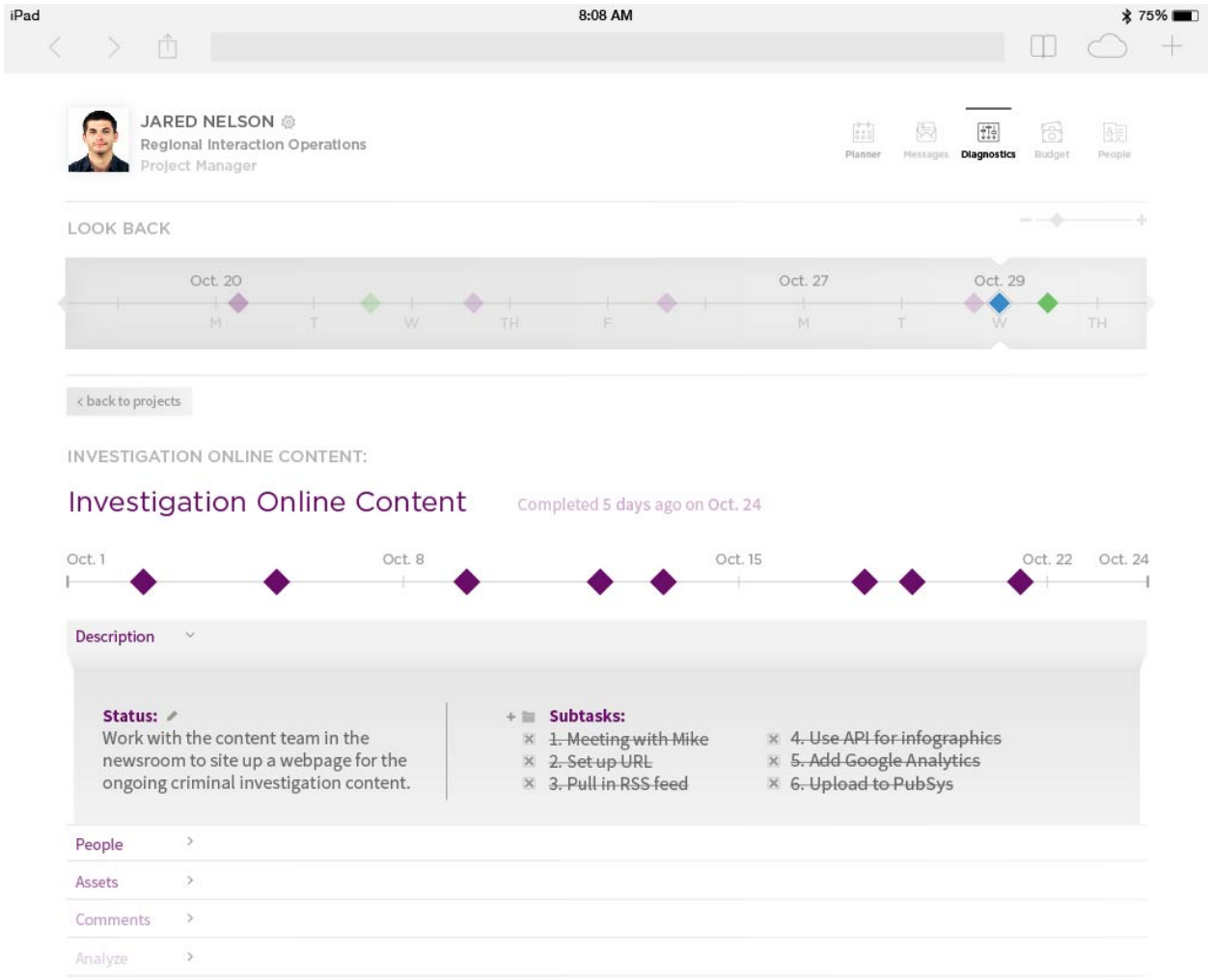
< back to projects
INVESTIGATION ONLINE CONTENT:
Investigation Online Content
Completed 5 days ago on Oct. 24
Oct. 1
Oct. 8
Oct. 15
Oct. 22
Oct. 24
Description
People
Assets
Comments
Analyze

Image 3: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LOOK BACK
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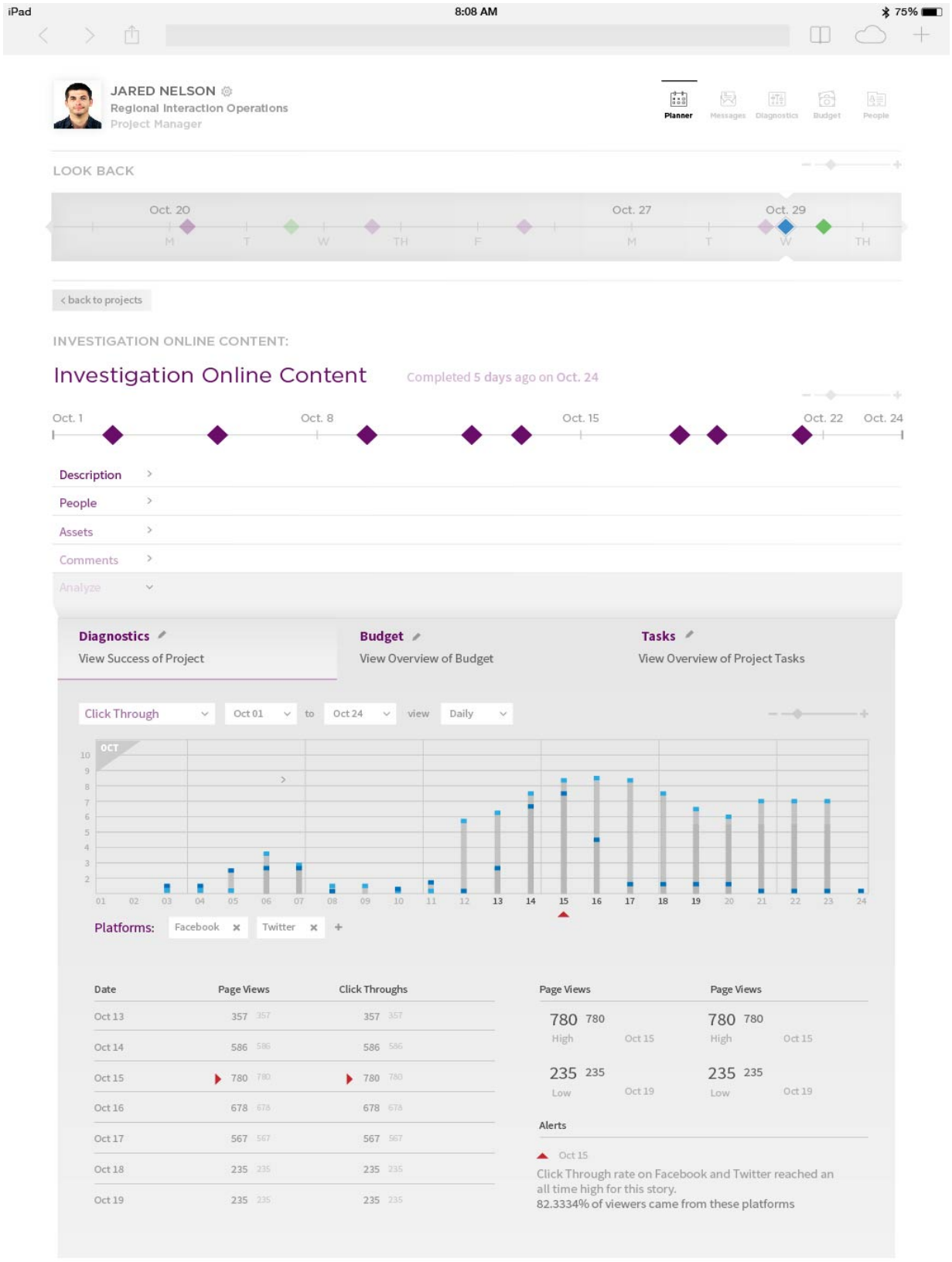
< back to projects
INVESTIGATION ONLINE CONTENT:
Investigation Online Content
Completed 5 days ago on Oct. 24
Oct. 1
Oct. 8
Oct. 15
Oct. 22
Oct. 24
Description
Status:
Work with the content team in the newsroom to site up a webpage for the ongoing criminal investigation content.
Subtasks:
1. Meeting with Mike
2. Set up URL
3. Pull in RSS feed
4. Use API for infographics
5. Add Google Analytics
6. Upload to PubSys
People
Assets
Comments
Analyze

Image 4: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< back to projects
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Investigation Online Content
Completed 5 days ago on Oct. 24
Oct. 1
Oct. 8
Oct. 15
Oct. 22
Oct. 24
Description
People
Assets
Comments
Analyze
Diagnostics
View Success of Project
Budget
View Overview of Budget
Tasks
View Overview of Project Tasks
Click Through
Oct 01
to
Oct 24
view
Daily
OCT
Platforms:
Facebook
Twitter
Date
Page Views
Click Throughs
Oct 13
Oct 14
Oct 15
Oct 16
Oct 17
Oct 18
Oct 19
Page Views
780
High
Oct 15
235
Low
Oct 19
Alerts
Oct 15
Click Through rate on Facebook and Twitter reached an all time high for this story.
82.3334% of viewers came from these platforms