CEN 4010 Principles of Software Engineering Fall 2019

Milestone 1 Project Proposal and High-level description

FAU Daily

Team Number: 14

Mark Rothberg, Marcus Golding, Wayne Solomon

9/23/2019

History Table: 9/23/2019

# **Executive Summary**

The following is a summary of a senior project to create a web system based on the Campus Snapshots project outlined and provided in the class but under the name FAU Daily.

This project aims to create a social/news environment to the benefit of campus life and recreation including upcoming events and real time updates as opposed to exclusively highlighting future events. It will also provide an avenue to report and bring attention to smaller scale issues around the campus which include, but are not limited to, overflowing trash, fallen branches, classroom issues, etc.

This website is primarily targeted to the entirety students with an attention to faculty. The goal is to provide an avenue for anyone to report issues with the campus or events.

# Competitive Analysis

|  |  |
| --- | --- |
| Competitor: FAU Student News | Yours: FAU Daily |
| Upcoming events are posted | Upcoming events are posted as well as current events |
| Can RSVP with Handshake | Can RSVP with Handshake by linking to their website |
| The News is updated every day | The News is updated per minute |
| Posts threats and sends text messages to all students phones | FAU Students are able to post information regarding plumbing problems, construction problems, potential threats, or any dangers to alert other students. |

The planned advantages that FAU Daily has over the current Student News is that FAU Daily has updates per minute of everything that is going on at school. Anything that is slightly important will be posted on the website. When school starts all of the events will be posted on our front page and we will have a calendar of upcoming events. We will also have postings of people on campus such as the school performers that are playing in the breezeway or student organizations that are having events at that exact moment. This is dedicated for the student that doesn’t know about any event and wants to go to something in the moment.

# Data Definition

These are our definitions and acronyms that we use for our website.

FAU Daily: FD

News: Anything and everything that is occurring on campus  
  
Database: The collective information of all the news stories.

Work in Progress: WIP

This page will be updated over the course of this assignment.

# Overview, Scenarios, and Use Cases

# This project will emphasize the needs and wants of the average FAU student ranging from the technically savvy to those who are not all too familiar with sites outside of social media. The goal is to be accessible to those who see an issue and are looking to quickly report it. Those who are interested in various events around campus will be able to quickly and efficiently locate said events without requiring any navigation.

# Users will create an account using their FAU email (preferably) and a password in order to submit a post to the complaints board. Viewing will not require a password. The home page will contain a timeline of upcoming events. There will be a dedicated page for a calendar of events.

# Initial List of high-level functional requirements

We plan to develop the listed functions:

* Home/Front page with currently updating news on the top and on the sides are upcoming news events and stories.
* Calendar Page: A calendar with all of the upcoming events.
* A login for FAU students using a separate username and password.
* A separate page for Student Organization events
* A meeting page dedicated to people who don’t have many friends and want to meet more people in the same field.

# List of non-functional Requirements

The website will be hosted and able to be used on internet explorer, Mozilla Firefox and google chrome. There won’t be a dedicated mobile version of the website. Shouldn’t be too much of a load on the server. There will be relatively secure accounts with password management. The website will be stored on the lamp servers. The website will be available as long as the server will host our group. There will be some code safe guidelines if there are any faults.

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# High-level system architecture

We will be using Visual Studios, Sublime, Atom, Java, JavaScript, HTML, CSS and C++. We will support Google Chrome, Internet Explorer, and Mozilla Firefox. We will mainly use CSS and html. Any external code that we would use would be from YouTube, general coding help sites or bootstrap.

# Team

Dev Team/Group 14: Mark Rothberg, Marcus Golding, Wayne Solomon

Product Owner/Team Leader: Mark Rothberg

Scrum Master: Marcus Golding

GitHub Master: Wayne Solomon

# Checklist

* Team Decided on Basic Means of communications: DONE
* Team Found a time slot to meet outside of the class: DONE
* Front and back end team leads chosen: ON TRACK
* GitHub master chosen: DONE
* Team ready and able to use the chosen back and front-end frameworks: ON TRACK
* Skills of each team member defined and known to all: DONE
* Team lead ensured that all team members read the final M1 and Agree/understand it before Submission: DONE