**Project Plan**



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# Project definition

The aim of this project is to develop an events management app that will enable users to easily create and manage events. The app will have a user-friendly interface and offer features such as event creation, participant management, content sharing and event promotion. The client for this app will be The Social Hub – staff and students.

### Project background

### As a student living int the TSH and also helping the event organizer with the planning I couldn’t help but notice that the structure of the event’s planning and organization was a bit chaotic and not fully efficient

### Problem definition

### The Social Hub or as it is formerly known as The Student Hotel is a Dutch company with branches all over the world. It welcomes students from all over the world and strives to accommodate them in a welcoming and social environment. That is why every month are organized events to entertain and help these students meet new people. The current methods of organizing and promoting the events is not always optimal and leads to fewer people attending said events.

### Client

Currently the event organizer of the Eindhoven branch utilizes Eventbrite, emails and WhatsApp to manage and promote events, but the decentralization creates confusion and problems. The users are obliged to use multiple platforms and still not get the best of it.

### Team

The only developer working on this project would be me. I also happen to be a client since I continuously help with the organization of the events of the TSH as I live there.

### Project goal

My solution aims to facilitate the flow of information and put everything related to the students and events in one place. Multiple features will be added such as sharing photos, contact information, and possibly integration with platforms such as Instagram and WhatsApp

### Non-Deliverables

* User manual
* Integration with existing systems

# Phasing / Planning

# Constraints

# Client requirements

# ASP (framework)

# WinFroms (framework)

# C# (language)

* Phase 1 – Analysis
  + Activities
    - Activity 1.1
      * Write the Project Plan
      * Week 1 days 1-2
    - Activity 1.1a
      * Write the URS
      * Week 1 days 2-4
    - Activity 1.1b
      * Write the Test cases
      * Week 1 days 2-4
    - Activity 1.2
      * Interview client
      * Week 1 Friday
  + Deliverables
    - Project plan
    - URS
    - Test cases
    - Notes from the interview
* Phase 2 - Design
  + Activities
    - Activity 2.1
      * Design the layout of the web pages
      * Week 2 days 2-5
    - Activity 2.2
      * Design the database
      * Week 2 Monday
  + Deliverables
    - Figma design
    - Screenshot of the design
    - SQL file with the `create tables` statements
* Phase 3 – Implementation
  + Activities
    - Activity 3.1
      * Set up WinForms
      * Week 3
    - Activity 3.1a
      * Set up authentication for the desktop application
      * Week 3 days 1-2
    - Activity 3.1b
      * Make navigation with the main forms
      * Week 3 days 3-5
    - Activity 3.2
      * CRUD operations for the branches
      * Week 4
    - Activity 3.3
      * CRUD operations for the users
      * Week 5
    - Activity 3.3a
      * Users hierarchy
      * Week 5 days 3-5
    - Activity 3.4
      * Set up web application with empty pages
      * Week 6 days 1-4
    - Activity 3.5
      * Set up authentication
      * Week 6 days 4-5
    - Activity 3.5
      * Create event management
      * Week 7 and 8
    - Activity 3.5a
      * Event subscription from students
      * Week 9
    - Activity 3.6
      * Implement Could and Should from the Moscow list
      * Week 10 – 12
    - Activity 3.6a
      * Contact page
      * Week 10 days 1-2
    - Activity 3.6b
      * Qr code page
      * Week 10 days 3-5
    - Activity 3.6c
      * Profile page
      * Week 11 days 1-2
    - Activity 3.6d
      * Statistics page
      * Week 11 days 3-5
  + Deliverables
    - Almost ready web application with:
      * Event management
      * QR code system
      * Contact page
      * Profile page
      * Statistics
    - Almost ready desktop application with:
      * Branch management
      * Users management
* Phase 4 – Testing
  + Activities
    - Activity 4.1a
      * Finish all the features on the must have in the MosCoW list
      * Week 12 and Week 13 days 1-3
    - Activity 4.1b
      * Fix all bugs which are present during manual testing
      * Week 13 days 3 – 5
    - Activity 4.2
      * Create and use unit tests
      * Week 14
  + Deliverables
    - Unit tests
    - Error-proof applications, ready for use by the client which satisfy their expectations
* Phase 5 - Deployment
  + Activities
    - Activity 1.1
      * Deploy database online
      * Week 15 day 1-3
    - Activity 1.2
      * Deploy website online
      * Week 15 day 3-5
  + Deliverables
    - Link to a website running on a Fontys server
    - Connection to database on a Fontys server