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PROJECT PLAN

Course: ProP

Date: 7 September 2018

**Картина, която съдържа текст

Описание, генерирано с много висока достоверност**

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| |  | | --- | | PROJECT STATEMENT | | In this document we state why our project is started and what we will achieve. It provides a detailed approach to the realization of this project and its goal. It also describes the client, the project leader, the initial situation, the problem description, the goal of our project, the deliverables and non-deliverables, the constraints and the risks. Formal Client Mr. Andre Postma is a teacher at Fontys university, he is also the chairman of an event agency responsible for variety of events, among which is the upcoming cultural event known as European Cultural Festival.  Contact information  Mr. Andre Postma  Rachelsmolen 1, Eindhoven  Room 2.38  a.postma@fontys.nl  Working days: Monday – Friday |  Project Leader The role of the project leader will be a rotating type, which means that the role will be switched weekly between the members of the team. Current Situation The Cultural festival is an annual event held in the Netherlands. This is an event that showcase the beautiful variety of cultures all around the world, it is mostly done in a way where people show their cultures by means of clothes, food, music, traditional costumes, dance steps, languages and many more. In the last few years, the popularity of the event has been significantly increased. Statistically, there has been an increase of people in attendance over the past years, this has made the organizers searching for a better way to organize the event and make more profit from it. Consequently, there are several requirements as initiated by the company in charge: (1) a steady system of payment, (2) camping site reservation, (3) awareness and tracking of the event online via a website. Problem Description Over the years, the cultural events has recorded increase in attendance and interest by lots of people, this has made maintaining a proper management control a bit difficult, due to this fact, sales of tickets to enter the event, provision of camping site, proper awareness for the event, buying food, drinks, or souvenirs, loaning products such as photo cameras, flashlights etc., has become difficult to manage. This is the basis whereby the organizers have tasked the DevelopPro team with the aim of developing a software application that helps to easily keep track of basic information and make it possible to curb all of the problems mentioned. The group will also provide other solutions such as a website that informs people about the event and allows reservation of tickets and camping spots, and a database supporting all the applications. It is therefore highly important to this team to completely cut down the problems faced currently. Project goal The goal of this project is to create a good software solution for our client in order to make this Cultural festival well organized and more manageable. The team needs to do everything possible to satisfy the client’s wishes and to meet all the deadlines. Project Deliverables and Non-Deliverables In this project the deliverables are:   * Detailed information about the client and our team * Agendas and minutes of every group meeting * Setup document * One website, four applications and one database * Process Report * Presentation     We will not deliver:   * Mobile applications * Cross-platform applications  Project Constraints Constraint 1: Time  The project must be completed within 20 weeks  Constraint 2: C# Programming Language  We need to use C# knowledge to create the website and the applications for the client  Constraint 3: Design  We need to follow the design specified by the client Project Risks Risk 1: The project will take longer than expected   * Probability: Low * Impact on project: High * Steps to prevent: Make suitable time table and finish deliveries in time * Clean up action: Spend more time on the project   Risk 2: Team member sick or absent by a valid reason   * Probability: Medium * Impact on project: Medium * Steps to prevent: Info to other team members in time * Clean up action: Divide workload with other team members   Risk 3: Team unable to get enough resources for the project.   * Probability: Low * Influence on project: Medium * Methods to prevent: Maximize the use of limited resources * Clean up action: Find ways to use more resources.   Risk 4: Design is infeasible or unexpected   * Probability: Low * Influence on project: Medium * Methods to prevent: Communicate with the client clearly * Clean up action: Change the design within deadline to satisfy the client.   Risk 5: Information security incidents   * Probability: Low * Influence on project: High * Methods to prevent: Code of conduct control and limit the employees to access data * Clean up action: Individuals has the right to immediately request the network service provider to delete the information.  PhasingPhase 1: Initiation Activity: Meeting with the tutor  Tasks for the activity are   1. Create a logo and a name for the team 2. Determine the theme of event 3. Meeting with the tutor 4. Divide group work to each member 5. Make Agenda's and minutes of every meeting 6. Prepare questions to the client   Estimated duration is from 31-08-2018 until 03-09-2018  Deliverables for milestone M1 are:   1. Team logo and name 2. Theme of event 3. Questions to the client  Phase 2: Plan Activity: Present and interview with the client  Tasks for the activity are   1. Interview with the client and tutor 2. Make a presentation for the event 3. Discuss proposal and come to an agreement 4. Create the first version of project plan 5. Prepare to design GUI, website and database 6. Investigate identification method, e.g.: barcode, QR-code or RFID-chip   Estimated duration is from 04-09-2018 until 14-09-2018  Deliverables for milestone M2 are:   1. Presentation for the event 2. First version of project plan  Phase 3: Design Activity1: Design GUI of Application (Non-functional)   1. Check in and out for the culture event 2. Check in and out for the camping sites 3. Overview profile and balance of the visitors   Activity2: Design Wireframes of Website  Activity3: Database Design  Estimated duration is from 15-09-2018 until 23-09-2018  Deliverables for milestone M3 are:   1. Second version of project plan 2. Version of non-functional application GUI 3. Version of A website – wireframe 4. Version of database design (ERD)  Phase 4: Improve Activity: Improve the software design (Non-functional)   1. Meeting with tutor 2. Discuss the software design(Non-functional) 3. Improve the software design(Non-functional) 4. Create setup document 5. Work on the process report   Estimated duration is from 24-09-2018 until 11-11-2018  Deliverables for milestone M4 are:   1. Non-functional application GUI, website wireframe and database 2. Setup document 3. Process report  Phase 5: DevelopPhase 6: TestPhase 7: Closure |

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