Briscola Online

**Briscola**

Tihana Britvić, Mia Filić, Valentin Hidasi, Leon Makorič

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Project summary

clear starightforward project, solution and expected results inckóluded

up to 300 words

Kratek povzetek predlaganega projekta, tja do 300 besed.

Navedite povzetek projekta z jasnim opisom problema in predvidene rešitve, ki jih projekt predvideva. Podajte kratek opis poteka projekta in njegovih pričakovanih rezultatov.

To je interni dokument za vaje pri predmetu Tehnologija programske opreme na UL FRI in ni namenjen za javno uporabo.

Kazalo

[Povzetek projekta 1](#_Toc463875071)

[Kazalo 2](#_Toc463875072)

[Ozadje in motivacija 3](#_Toc463875073)

[Opis problema in predlagane rešitve 3](#_Toc463875074)

[Cilji projekta in predvideni rezultati 3](#_Toc463875075)

[Opis ciljev 3](#_Toc463875076)

[Predvideni rezultati 3](#_Toc463875077)

[Projektni načrt 3](#_Toc463875078)

[Uvod in splošni opis 3](#_Toc463875079)

[Pregled faz in aktivnosti 3](#_Toc463875080)

[Opis aktivnosti 4](#_Toc463875081)

[Seznam izdelkov 7](#_Toc463875082)

[Časovni načrt 7](#_Toc463875083)

[Načrt odvisnosti 7](#_Toc463875084)

[Analiza in načrt obvladovanja tveganj 8](#_Toc463875085)

[Projektno vodenje 8](#_Toc463875086)

[Opis konzorcija 8](#_Toc463875087)

[Finančni načrt projekta 8](#_Toc463875088)

[Reference 9](#_Toc463875089)

[Dodatek 1 9](#_Toc463875090)

Motivation #tihana

We played this game a lot when we were children, therefore we would like to spread this traditional card game to the forthcoming generation. Nowadays when more and more people have access to the Internet we can only prolong tradition by integrating them into this new world of ours.

Problem description and the suggeted solution

- problem analysis (description + reasons)

- Briscola – games (current state, main limitations, unused/new opportunities, risk analysis – expected risk factors, competition approach – why are we different?)

- short description/step-by-step of the suggested solution

- references (where are the data from)

- explain how our solution help towards solving the problem, why is worth investing into it, list of our advantages compared to others

Project goals and expected results #leon

Describe the purpose of this project, it's goals and expected results.

What should this project achieve?

What are the goals of this project?

Which are the results of the project and are they measureable? Why are they relevent?

Goal description

goals + suggested solution (describe)

Expected results

Sub-chapter should contain a description of the expected concrete results of the proposed project. Results should be specific, measurable, achievable, given available resources and realistic given the time.

Provide a project that will be completed no later than 11 January 2017, that is expected to last about two months. The amount of work on the project to be 2 to 3 (person per month) depending on the size of the group.

Project plan

Introduction/general description #leon

This subchapter includes an objective description of the work plan of the proposed project, focusing on the methodology and standards. Work plan should be divided into individual project phases that follow the logical sequence of the project lifecycle.

Overlook of phases and activities

Briefly describe the phases of the project and conduct activities for the entire project, which should follow the logical sequence of the project lifecycle. Tip: The project should contain 2 to 3 phases, which include more than 5 individual activities. Avoid the larger, longer lasting activities. In addition to the specific activities of a specified project, do not forget to activities Project management.

Description of activities

In this subsection describing all project activities. The description of each activity should be placed in the table (the table if necessary, copy). Each activity should be reasoned and should include verifiable opening and closing activities, the anticipated duration of activity (number of calendar working days) and the expected volume of work, expressed in man-months (CM). Activity may, where appropriate, divide it into sub-activities and tasks.

For better transparency can describe any activity on a new page.

In the first table in red for example, an imaginary activity (the stated objectives, outcomes, milestones, job description ... have no real meaning, said they only help you easily imagine what falls under each item); Replace text with your appropriate text and change the text color to black.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table of activities** | | | | | | | |
| **Activity mark:** | **A11** | **Beginning date** | **2.11.2016** | **End date** | **4.11.2016** | **Duration** | **3 dni** |
| **Activity title:** | **Funkcionalne zahteve za arhitekturo** | | | | | **Activity scope** | **0,6 ČM** |
| **Goals** | | | | | | | |
| * Requirements Analysis of Architecture * Analysis of architectural solutions * Definition of basic requirements | | | | | | | |
| **Activity description** | | | | | | | |
| Members of the group will analyze functional requirements, with the result of a number of already known and widely used implementations of systems.  The basic guideline for drawing up the specifications for this architecture will require a clear architecture. | | | | | | | |
| **Dependencies and limitations** | | | | | | | |
| Activity A11 is the first activity in the project and has no dependencies. (OR: Activity A11 following directly the activities A0).  Milestone is a high-level definition of the requirements at the completion of activities. | | | | | | | |
| **Results** | | | | | | | |
| Certain functional requirements for architecture. | | | | | | | |

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| **Opis aktivnosti** | | | | | | | |
| **Oznaka aktivnosti:** | **A12** | **Datum začetka** | **7.11.2016** | **Datum zaključka** | **10.11.2016** | **Trajanje aktivnosti** | **4 dni** |
| **Naziv aktivnosti:** | **Predlog arhitekture** | | | | | **Obseg dela** | **0,2 ČM** |
| **Cilji** | | | | | | | |
|  | | | | | | | |
| **Opis dela** | | | | | | | |
|  | | | | | | | |
| **Odvisnosti in mejniki** | | | | | | | |
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| **Rezultati** | | | | | | | |
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**List of products #mia**

Description of individual products and at what stage they are ready. All products of the project Write down in the table below. Each of the important parts of the project ends with the product, which represents a concrete result and proof of the work done. Product may report prototype, conference or demonstration, book, specification, and the like. In cases where the product does not present the report but another activity, it is recommended to write the report no matter what (eg. For the conference as a collection of the material being presented; the demonstration as a brief technical description). Headlines results should be appropriately descriptive.

Product code to represent the sequence of development of individual products according to timeline of the project. Product designation, moreover, indicates the activities in which they arise. Code should consist of letters from and to the relevant product, for example, from 2.1 for the first product activity 2nd

The date the product was expected date when the product will be created. Nature of the product is the report (PO), services or goods (P), demonstration / prototype (DP) or other (O).

The table below shows the red already recorded one case of a product; Replace it with a suitable your product (and do not forget to change the text color to black).

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| --- | --- | --- | --- |
| **List of project products** | | | |
| **Product code** | **Name of the product** | **Release date** | **Product type** |
| PC 1.1 | Requirements specification | 4.11.2016 | PO |
| PC 1.2 | Project proposal | 9.11.2016 | PO |
| PC 1.3 | Project proposal presentation | 12.11.2016 | PO |
| PC 5.1 | Tutorial description and specification  = what it will  be and what it will include. 13.11 | 14.11.2016 | PO |
| PC 6.1 | Wireframes and sitemaps | 17.11.2016 | PO |
| PC 8.1 | Frond-end | 15.12.2016 | DP |
| PC 11.1 | Running code representing the game logic | 1.12.2016 | DP |
| PC 13.1 | FIFS machmaking system | 1.12.2016 | DP |
| PC 14.1 | AI Algorithm | 1.12.2016 | DP |
| PC 16.1 | Artificial inteligence player | 17.12.2016 | DP |
| PC 18.1 | Final Application | 1.1.2017 | DP |
| PC 19.1 | Intermediate presentation | NAN | PO |
| PC 19.2 | Documentation | 11.1.2017 | PO |
| PC 19.3 | Final presentation | 11.1.2017 | PO |
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|  |  |  |  |

Timetable #valentin

Only the individual phases and activities of the project in the form of roadmap implementation, which includes the estimated times of beginning and end of each activity, the duration of each activity, and the total time of the project. The roadmap should be in the form of a Gantt chart, it could also highlight the critical path.

Specifically, indicate how long the project would take (the total number of working days) and how much work should be invested in it (the total number of cm).

Dependencies #valentin

The logical course of action and their interdependence display through network diagram, indicating the critical path. Use PERT-s chart or similar description.

**Analysis and Risk Management Plan #valentin**

Briefly describe the risk management plan, which should include the identification and description of the main risks in terms of successful implementation of the project, an analysis of their impacts, and a description of their monitoring and management.

Project management #tihana

Section should contain information on the organization and method of project management, mode of communication between the consortium members on the progress of work, mode of conflict resolution, how to ensure quality. It should include a description of the administration of the project, structure and method of decision-making, ways of cooperation and flow of information. The description should be consistent with the description of the relevant planned activities.

Description of the consortium #tihana

Section should contain the description of the individual and consortium partner and its role in the project. The description should primarily answer the question why it is necessary and desirable participation of each partner in the project (its added value). Briefly describing the essential knowledge, scope of work and experience, which are essential for the successful completion of the project. Give the description of the conceptual and operational complementarity of partners.

Explanation: Description of the consortium is a very important part of every project proposal, because in a way, gives justification to the consortium qualified, without superfluous members (duplication of roles) and able to implement the project. However, in our case (with TPO) a description of the consortium is not meaningful and can be omitted (group of coursework consists of students who listen to this subject, and the composition of the group do not always look at the competencies of each student). Alternatively, you can specify individual members to participate in the project proposal, and their references (where projects have worked and what experience they have already acquired; projects in this context the seminar work in other subjects).

Budget for the project #mia

In this chapter, the project budget. Predict resource consumption and associated costs.

Divide the cost of the project direct costs (labor, services, investment in hardware or software, operators) and indirect costs (the latter may also be a flat, eg. A flat-rate indirect costs amount to 20% of labor costs).

Provide costs for each activity separately. Use the table below.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Financial plan** | | | | | | | | | | |
| **Version** | **Activity title** | **Activity scope (ČM)** | **DIRECT COSTS (in EUR)** | | | | | **INDIRECT COSTS (v EUR)** | | **TOTAL** |
| **work** | **service** | **investments** | **travel expenses** |  | |  | |
| A 1.1 | Funkcionalne zahteve za arhitekturo zahtev | 0,6 | 1.200,00 | 50,00 | 1.500,00 | 100,00 | 240,00 | | 3.090,00 | |
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All direct costs in the table above, excluding labor costs, specifically rationale (eg. € 50 for registration of internet domain, € 1,500 for the purchase of a computer for development, € 100 for a visit to Maribor conference for two people, and the like).

References

Provide all references that you used in the project proposal. Form should follow the examples presented below. The text of the references used in several ways: one [1], more references together [2, 3, 4], or refer directly to the author and his work, as proposed by [5].

[1] Avtor1, Avtor2 in Avtor3. Naslov članka. Naslov revije; 2008; 18(2). str. 1-5.

[2] Urednik. Naslov knjige. Založba; 2005.

[3] Avtor. Naslov članka. V: Urednik. Zbornik konference; 2004 junij 4-7; Kraj, Država. Založnik; 2004. str. 5-15.

[4] Avtor. Naslov knjige. Založba; 1995.

[5] Avtor. Naslov. Spletna stran; 2001. http://www.url.si/pot/dokument.html [11/11/2013]

Appendix 1

In addition describe further the division of labor in the context of the preparation of this document. In the table, give all the tasks that the authors have not performed together (ie. Not equally contribute to the task). For each task, indicate how much work (in percentages) is in this task carried out by each of the authors. An example is written in red in the table. The head of the table, record the names of all authors. If necessary, a table and add new rows. delete columns.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task** | **Tihana Britvić** | **Mia Filić** | **Valentin Hidasi** | **Leon Makorič** |
| Summary | 30% | 60% |  | 10% |
| List of products | 100% |  |  |  |
| PERT chart |  |  | 30% | 40% |
| Gantt chart |  | 100% |  |  |
| Risk management | 10% | 20% |  |  |
| ... |  |  |  |  |
|  |  |  |  |  |