**Tuvi**

**Vision**

**Version 1.0**

**

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 18/08/2018 | 1.0 | First version | Ignacio Vidaurreta  Nicolás Barrera  Nicolás Becker  Sofía Picasso  Ezequiel Keimel  Juan Bensadon |
| 08/10/2018 | 2.0 | First Revision | Ignacio Vidaurreta  Nicolás Barrera  Nicolás Becker  Sofía Picasso  Ezequiel Keimel  Juan Bensadon |
|  |  |  |  |
|  |  |  |  |

**Table of Contents**

[**Introduction**](#_lzx7gkwht0k4) **4**

[Purpose](#_c3kmhxvlc9ib) 4

[Scope](#_1blcmfbt8aff) 4

[Definitions, Acronyms, and Abbreviations](#_filf0tmm4864) 4

[Overview](#_yapxbnbup1qo) 4

[**Positioning**](#_1t3h5sf) **4**

[Business Opportunity](#_hque37ibrogx) 4

[Problem Statement](#_qnqbt1xk4nrg) 4

[Product Position Statement](#_rwq4s8qxq5z) 5

[**Stakeholder and User Descriptions**](#_36rqqoxwiait) **5**

[Market Demographics](#_f2ykdmwvl5xo) 5

[Stakeholder Summary](#_nflyc7wn7n9e) 5

[User Summary](#_3m3729z68i69) 6

[User Environment](#_9jtbxgtd9c37) 6

[Stakeholder Profiles](#_fybimsx9s5vw) 6

[Development Team](#_cuohxd41vvtm) 6

[User Profiles](#_pkv3yakkje9z) 7

[Customer](#_zkvcsm1ern1) 7

[Publisher](#_jdz8ozpx5a0p) 8

[Key Stakeholder or User Needs](#_vahkolnajeno) 8

[Alternatives and Competition](#_o2pk1yq5h4us) 8

[Ticketek](#_2xcytpi) 8

[Ticketopolis](#_1ci93xb) 8

[TuEntrada.com](#_fsmkwv4hsdho) 8

[**Product Overview**](#_8tc157mszug4) **8**

[Product Perspective](#_1cgb82y0ij4v) 8

[Summary of Capabilities](#_r6pzyjaiw3d1) 9

[Assumptions and Dependencies](#_kmk7d8l2h191) 9

[Cost and Pricing](#_feyaoztdk5ae) 9

[Licensing and Installation](#_6v35rlc3ywdj) 9

[**Product Features**](#_nxqyeqlthmue) **9**

[The web page will be simple to interact with and user-friendly, so that a vast swath of users is able to make use of it.](#_dawyw4eg5wb1) 9

[**Constraints**](#_iwayllug9jyo) **1**0

[**Quality Ranges**](#_xv5gmigj82bb) **1**0

[**Precedence and Priority**](#_k75rlhe8ye7l) **1**0

[**Other Product Requirements**](#_m1jq8nyx2sjp) **1**0

[Applicable Standards](#_ow07f2hdoswh) 10

[System Requirements](#_vv0r8kufao5a) 10

[Performance Requirements](#_w91eah58dsh5) 10

[**Documentation Requirements**](#_fxr7ghfg5k2v) **1**1

[User Manual](#_4hfvv9sbm4di) 11

[Online Help](#_kh3o90frhgbz) 11

[Installation Guides, Configuration, and Read Me File](#_zcuy8hwudodr) 11

[**A Feature Attributes**](#_lh4yo7l969ei) **1**1

[A.1 Status](#_f5v3m0mf1vav) 11

[A.2 Benefit](#_5iaq2yc5lcma) 11

[A.3 Effort](#_pd8cbwf4udh) 12

[A.4 Risk](#_a7ulsmfnf0yg) 12

[A.5 Stability](#_3nwktk2f0kd4) 12

[A.6 Target Release](#_t309agvykqlv) 12

[A.7 Assigned To](#_6nv7qedzqcu9) 12

[A.8 Reason](#_x76ccmov6of2) 12

**Vision**

# **Introduction**

## **Purpose**

The purpose of this document is to provide information on the different aspects that make up the team’s vision of the TuviTicket web page.

## **Scope**

TuviTicket will allow publishers to post different entertainment events. It will display these events to the customer who will have the option to purchase one or more tickets to said events. The customer will be able to use a search function to find specific events.

## **Definitions, Acronyms, and Abbreviations**

See *Glossary.pdf*

## **Overview**

The vision document will portray in more detail the different aspects of the system to be implemented. This document is divided in 10 parts, where each part describe a different part of the system.

* Introduction: Provides a brief introduction to the document
* Positioning: Describes the impact of the product in the market and what it has to offer
* Stakeholders and user descriptions: Enumerates the stakeholders of the product and the types of users
* Product Overview: Describes in more detail the specifics of the system.
* Product Features: Self-explanatory
* Constraints: What limitations does our product have?
* Quality Ranges: Ranges of time the system is expected to be up and some response times specifications
* Precedence and Priority: List of the features described in section 5 (*Product Features*) ordered by priority
* Other Product Requirements: Product characteristics not yet described.
* Documentation Requirements: Lists every relevant documentation necessary for the product

# **Positioning**

## **Business Opportunity**

This system will implement a comprehensive and intuitive UI to simplify the process of ticket purchase, bridging the customer with the publisher in an effective way, thus increasing sales.

## **Problem Statement**

Current ticket purchase systems are clunky and generally not user friendly. This web page will solve the problem by providing the customers with a simpler way to purchase tickets.

|  |  |
| --- | --- |
| The problem of | Publisher-customer communication |
| affects | Customers who want to purchase tickets and are burdened by outdated systems, as well as the publishers. |
| the impact of which is | An unpleasant experience for buyers, which results in a decline in sales numbers for the publishers. |
| a successful solution would be | Offer an easy to use platform for customers, making purchasing tickets a lot easier and at the same time, makes publishing a new event a lot easier. |

## 2.3 **Product Position Statement**

|  |  |
| --- | --- |
| For | Entertainment event publishers and consumers. |
| Who | Seek to reach a customer base or purchase tickets for entertainment events. |
| TuviTicket | is an e-commerce system |
| That | Provides a simple and responsive UI |
| Unlike | Ticketek |
| Our product | Allows for faster and simpler purchasing and publishing of tickets/events. |

# **Stakeholder and User Descriptions**

The system is mainly targeted towards adults who are comfortable with the use of a virtual environment to purchase goods, since trust in the system is key to the use of the platform. The less tech-savvy will appreciate a comprehensive UI, and every part will appreciate the speed of the process.

The company will represent to the users an entity of respectful but friendly understanding of not only their basic needs, but also their wishes (a faster, more comfortable system is not absolutely necessary, but strongly requested and appreciated).

## **Market Demographics**

The target users of TuviTicket is every person that is actively seeking for new shows near them or any event planner that seeks to expand their client base.

## **Stakeholder Summary**

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Development team | Programmers/designers who are in charge of implementing the system | Develop the platform with all of its components within various specified time frames. |

## **User Summary**

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Customer | Users who use the system for purchases | Making purchases through the system to the different publishers |
| Publisher | Entities who organize the entertainment events. | Posting the various events through the system and accepting purchases from the users. |

## **User Environment**

One customer has access to several event publications, and for every event several users can make a purchase. One publisher can have multiple events posted simultaneously, and receive multiple purchases from different customers for each of these events.

## **Stakeholder Profiles**

### Development Team

|  |  |
| --- | --- |
| **Representative** | Ignacio Vidaurreta, Nicolas Becker, Nicolas Barrera, Sofia Picasso, Ezequiel Keimel, Juan Bensadon |
| **Description** | Programmers/designers |
| **Type** | Qualified professional with advanced technological expertise |
| **Responsibilities** | Programming the system |
| **Success Criteria** | The system works as intended and passes every quality test |
| **Involvement** | They give the project a tangible existencial form |
| **Deliverables** | Developing new features for the product |
| **Comments / Issues** | Lack of motivation can severely affect their performance |

**3.5.2.**  *Business Owner*

|  |  |
| --- | --- |
| **Representative** | Event sales expert |
| **Description** | Consultor |
| **Type** | Consultor that has the know-how of the event ticket sales environment |
| **Responsibilities** | Giving advice on what the market needs and what features the product has to have to be viable |
| **Success Criteria** | Hight client base and recurring users |
| **Involvement** | Is involved in every step of the development (Agile development) |
| **Deliverables** | - |
| **Comments / Issues** | - |

## 3.6. **User Profiles**

### **3.6.1.** Customer

|  |  |
| --- | --- |
| **Representative** | Test users, then real world users |
| **Description** | Users of the system. They do not need to have any special expertise tu use the software, but they do have to be able to be technologically apt. |
| **Type** | Users who will purchase goods |
| **Responsibilities** | Purchasing goods |
| **Success Criteria** | They purchase goods. |
| **Involvement** | They purchase goods with their money. |
| **Deliverables** | N/A |
| **Comments / Issues** | N/A |

### **3.6.2.** Publisher

|  |  |
| --- | --- |
| **Representative** | Les Luthiers, Cirque du soleil, Rata Blanca, etc. |
| **Description** | Publishers of events. The publisher is the one that creates the events so that users are able to buy tickets in the web page |
| **Type** | Publishers. Organize the events the website will sell tickets to. |
| **Responsibilities** | Publishing events and receiving sales |
| **Success Criteria** | They receive purchases |
| **Involvement** | Publishing events |
| **Deliverables** | A platform to publish their events on. |
| **Comments / Issues** | The price can be an issue if there is no control |

## 3.7 **Key Stakeholder or User Needs**

The users need a platform that can be easy to use so that they can purchase and sell the event tickets without too much of a hassle. The stakeholders need to be provided with the tools to develop the system within the given time frame.

## 3.8 **Alternatives and Competition**

### Ticketek

### Ticketopolis

### TuEntrada.com

# **Product Overview**

TuviTicket allows different entertainment enterprises to post information on upcoming events, while also allowing customers to to purchase tickets for said events.

There is also a search function available for customers to find specific events.

## **Product Perspective**

The product is self-contained and individual.

## **Summary of Capabilities**

**Table 4-1 Customer Support System**

|  |  |
| --- | --- |
| **Customer Benefit** | **Supporting Features** |
| Customers will find the specific product they seek with a simple search | The search engine and its filters makes purchases quick and easy |
| Customer can save up money through various available discounts | The filters available in the search engine allow customers to view different types of discounts they might find helpful |
| Customers can make purchases without leaving their houses | Due to the product being a web page, there is no need for the customer’s physical presence in order for a transaction to take place |
| Customers will be able to find what shows are the most popular and trendy | The main page showcases all the best selling events |

## **Assumptions and Dependencies**

The product assumes that the user owns a phone or computer with access to the internet and the technological know-how to operate a simple application and make online purchases.

## **Cost and Pricing**

There are no costs for the consumer to use the product. A commission will be taken from the cost of the ticket.

## **Licensing and Installation**

The product has a public license and does not require installation

# **Product Features**

## The web page will be simple to interact with and user-friendly, so that a vast swath of users is able to make use of it.

The app will count with the following features:

* Sign in
  + Lets the user create an account, so that he can be able to use the site.
* Log in/ Log out
  + Lets the user log in to his account to see the tickets that he bought or to buy new ones.
* Search Event button with text bar
  + Provides a rectangular box where the user can type the name of an event his interested in to buy tickets
* Search filters: by type of ticket (theater. movie, etc), by promotion and by date
  + Enhancement of the search bar. Lets the user specify additional information to its search
* View Shopping Cart
  + Lets the user see the tickets it reserved and pay for them.
* Choose Seat or Location
* Add To Cart
* Choose Quantity
* Check out and Verify Payment (cash, card, etc)
* Make New Event (for publishers)
  + Lets publishers create a new event so that it can be searched by regular users and they can also buy tickets

# **Constraints**

The biggest constraint will be the internet connection, since the user will not be able to access any of the features in the web page or the information in the database if they do not have a working connection.

# **Quality Ranges**

TuviTicket would be available 97% of the time. The mean time between failures would be 1 year and mean time of repair 10hs.

The average time it takes for a publisher to upload a new event will be 8 minutes, and for a user to buy a ticket 4 minutes. The response time for a transaction would be 3 seconds and the system is built to handle 500 transactions per second.

# **Precedence and Priority**

The biggest priorities are a simple design that users are able to understand and navigate, as well as a secure system to ensure that the information given by providers is correct and that the user’s information is safe (especially when it come to the payment information).

This is the order of importance (from more important to less important) of the features described in section 5

* Sign in
* Log in/Log out
* Add To Cart
* View shopping cart
* Choose Quantity
* Check out and Verify Payment
* Make a new event
* Search Event Button with text bar
* Choose Seat or Location
* Search filters: by type of ticket, by promotion, by date.

# **Other Product Requirements**

## **Applicable Standards**

Tuvi will provide a GNU General Public License Version 3 (GPL-3.0) for its Ticket Manager software

## **System Requirements**

Internet connection and a modern web browser (Google Chrome, Mozilla Firefox, etc). Legacy web browsers may work but may not be fully compatible.

Modern web browser means those that are actually being use by a large percentage of people in one of their last versions.

## **Performance Requirements**

Response time must be able to have reasonable response times for operations like logging in, buying tickets, creating an event, etc. Should the application fail to have reasonable response time people would not come back to our site.

* 1. **Environmental Requirements**N/A

# **Documentation Requirements**

## **User Manual**

There will be no user manual, since the app is made to be intuitive and easy to use. There is also a help button in the rare case that the user needed help.

## **Online Help**

The website will include a help section to describe the usage of each feature it implements.

## **Installation Guides, Configuration, and Read Me File**

Since it will be a web page, no installation guide is necessary.

* 1. **Labeling and Packaging**N/A

# **A Feature Attributes**

## **A.1 Status**

The management team will be in contact with customers and consider different negotiations after meetings with them. The status of saif negotiations will be defined as one of the following:

|  |  |
| --- | --- |
| Proposed | The feature is under discussion but has not yet been reviewed and accepted by upper management. |
| Approved | The feature has been deemed useful and feasible, and have been approved for implementation by upper management. |
| Incorporated | The feature has been incorporated into the product. |

## **A.2 Benefit**

|  |  |
| --- | --- |
| Critical | Creation, Deletion and Modification of Events; Listing of Events; Selection and Adding to Shopping Cart; Payment Process |
| Important | Search Function; Provider-Registration and Account Modification |
| Useful | User-Registration, Login and Account Modification |

## **A.3 Effort**

Each feature is assigned a priority and depending on this priority the team will define an approximate time to implement said feature.

## **A.4 Risk**

Risks that could affect the success of the project were categorized as follows:

* High: Cancellation of the project
* Medium: Cuts in budget; Reduction of delivery periods; Shifts in requirements
* Low: Slowdown of the service due to heavy load

## **A.5 Stability**

The web page will be created using agile methodologies. This is done so that if the client changes some features or removes them it won’t have a great impact on the development.

## **A.6 Target Release**

The first release will be version 1.0 and will contain all the features specified in this document.

## **A.7 Assigned To**

Database featured will be assigned to the DBA, visual modifications to the designer, all others will be assigned to the team leader for further delegation according to their criteria.

## **A.8 Reason**

The reason will be derived from the contents of the meetings between the management team and the customers.