

**Note:** Approval of the internship assignment is only valid if you have formal approval of the exam board to start your internship. This survey should be filled out by the student.

**Data student:**

Name student : Initials: A.roshan \_\_\_\_\_ Name: Armin \_\_\_\_\_  
First name: Armin \_\_\_\_\_ Studentnumber.: 2487128 \_\_\_\_\_  
Telephone: 0628292578 \_E-mail.: arminr@gamehouse.com \_\_\_\_\_

**Specialisation (select one):****ICT & : Software engineering / Business / Technology / BMT / other:****Data company:**

Name company/organisation: GameHouse BV. Eindhoven \_\_\_\_\_

Visiting adress : Emmasingel 20, 5611 AZ Eindhoven \_\_\_\_\_

Company mentor : Initials: E.aisyah \_\_\_\_\_ Name: Ellya \_\_\_\_\_

Telephone: 0618525002 E-mail.: Ellya@gamehouse.com \_\_\_\_\_

Department/ position: Web Developer

Internship assignment in Sage: yes/no

If Yes, title of the assignment: \_\_\_\_\_

Assignment number in Sage: \_\_\_\_\_

Start date Internship project: 6, Feb, 17 \_\_\_\_\_End date Internship project: 30, June, 17 \_\_\_\_\_**Accepted by student: date: 25, Jan, 17 signature:****Accepted by company: date: 25, Jan, 17 signature (when possible):**

Hand in date internship Project Survey:

Approved by internship project coordinator: yes/no date: signature:

**Note:** Approval of the internship assignment is only valid if you have successfully finalized all modules from the first 2 years and you have achieved minimal 15 EC's from the Minor. You also have to be up-to-date with tuition fees.

Remarks : \_\_\_\_\_

Scrum is an incremental agile software development framework for managing product development. This methodology is leading the projects in GameHouse, this project included. Meetings are held every sprint (2 weeks) to evaluate the progress and create more story for the upcoming sprint. Tools used for the project is followed:

- GitHub
- Jira
- Web development tools such as (WebStorm)
- Slack

**5. How and by whom will you be guided by the company?**

(What kind of support does the company provide? How will you be mentored by the company and by who? What facilities will be made available by the company?)

GameHouse provides tools that the student needs in order to complete the internship such as a PC, as well as anything required in order to complete the internship assignment (i.e. database support, server support). This internship will be mentored by Ellya Aisyah.

There will be a meeting with the assigned mentor in the company to discuss the development phase on weekly bases.

**6. Which other stakeholders are involved in the project?**

(Colleagues, clients, other projects related to your assignment. What is their role)

The stakeholders involved in the process will be:

- Finance Assistant: Sam Lasaroms.
- Administrative Assistant: Janet Damen.
- Ellya Aisyah: Frontend Web Developer.

**7. What fields of Study play an important factor in realizing the assignment?**

(For example information analysis, design, realization, monitoring and security).

In this assignment, we need to consider design and interactivity as well as security and gathering information and testing of the application.

- Research
- Prototyping
- Testing
- User interface design
- Frontend framework (AngularJS, ionic)
- HTML/CSS
- Spring
- Java
- APIs
- Database
- Agile
- Communication

PLEASE SEND THIS FORM BY EMAIL TO THE INTERNSHIP COORDINATOR IMMEDIATELY AFTER THE INTERVIEW HAS TAKEN PLACE.

## Description of the internship assignment:

### 1. Describe the problem analysis:

(What is the reason for the company to initiate this assignment? What problem does the company have, and what is the added value of this assignment? Can you describe the starting situation and starting points: introduction and problem definition?)

GameHouse BV, is a gaming company with head quarter located in Eindhoven, the Netherlands. There are more than 60 people are working in this branch. Office is open from 7:30AM until 6:00PM, However, the working hours are from 9:00AM to 5:00PM. Everyday there are number of external people are coming in and out. To welcome the external people to the office, GameHouse does not have a dedicated receptionist to help guests to find the person they need. Not having a receptionist or system for welcoming guests to the company office has the following challenges:

- Guests won't be able to find the person he/she is looking for.
- Guests wait until someone notices his/her presence in the front desk.
- Guests walk around the office and ask the nearest colleague for help. (distracting them during working hours).
- Guest will waste his/her time in the front desk.

In this scenario, external people face confusion when they enter GameHouse. Few months ago, GameHouse decided to no longer dedicated a receptionist to help the guests to find the people they need. GameHouse is a company that values technology highly, therefore, they are looking for a solution that doesn't require adding another personnel into the company.

### 2. Describe the assignment.

(Especially the objectives, results to be delivered and final products to be realized. Also, indicate what you want to achieve for the company. Give a clear description of the assignment).

GameHouse is looking for an interactive and helpful solution for the guests to find the employees whom they need to reach out to. This solution can come in a form of an app or a website that guests can access from the dedicated device that is provided at the entrance of the office. the solution must be easily configurable by all employees of GameHouse, including those who has limited knowledge of programming. Meaning, the tool needs to have an interface to add data about the employees.

To accomplish the goal of the project we can break this project to two major parts:

- **Backend.** To create a backbone for the application/website, to store and manipulate data. In backend, needed logic and APIs will be implemented.
- **Frontend.** To create an interactive and user friendly interface for the users of this Application/website.

### 3. What research questions do you need to answer?

(What things do you need to find out to execute your project. What main research question do you have? What kind of sub questions do you have?)

- Would the solution be in a shape of an application or a website?
- Which JS, HTML & CSS frameworks should be used for implementing frontend?
- Which languages and libraries are need for backend?
- How to store the data?
- How to test the performance?

### 4. What are the project methods and tools?

(What methodology is used in structuring the project? Which tools are used for project management?)

DOT framework strategy will be used throughout this project. Methodologies such as library, workshop, field, showroom is going to be applied in this project.