

Requirements Elicitation

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Contents

- Introduction
- Techniques
- Tools
- Exercises
- References

What Is Requirements Elicitation?

- Sometimes referred to as **requirements gathering**
- The practice of obtaining the requirements of a system from users, customers, and other stakeholders



Requirements Elicitation

- Requirements are identified through the **elicitation, analysis, verification, and validations activities**
- Requirements should be **complete, clear, correct, and consistent**
- Elicitation deliverables depends on the **elicitation techniques** used
- A “**stakeholder**” is any person or organization that is actively involved in a project, or whose interests may be effected positively or negatively by execution of a project

Requirements Elicitation Task

- **Prepare for Elicitation:** ensure all needed resources are organized and scheduled for conducting the elicitation activities
- **Conduct Elicitation Activity:** meet with stakeholders to elicit information regarding their needs
- **Document Elicitation Results:** record the information provided by stakeholders for use in analysis
- **Confirm Elicitation Results:** validate the stated requirements expressed by the stakeholder match the stakeholders' understanding of the problem and the stakeholder's needs

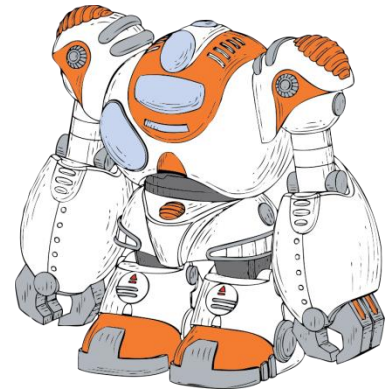
Requirements Elicitation Techniques

- **Interviews** – An interview is a systematic approach designed to elicit information from a person or group of people in an informal or formal setting by talking to an interviewee, asking relevant questions and documenting the responses
- **Survey / Questionnaire** is used to get maximum requirements from different people that may be at different locations. Surveys are inexpensive and wanton to analyze data from large amount of population



Requirements Elicitation Techniques

- **Brainstorming** – In Brainstorming every member can express his own idea about the product and is every effective brainstorming is commonly used to build the most important verdict about the product.
- **Prototyping** – It is initial product version which is prepared for getting feedback from stakeholder and make sure changes are incorporate in the next version



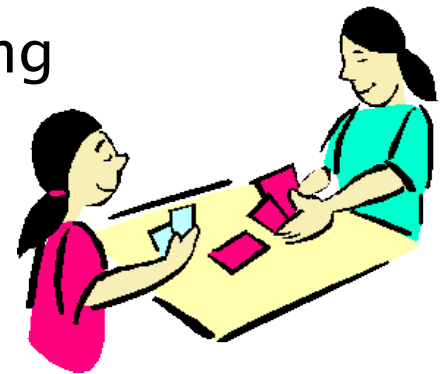
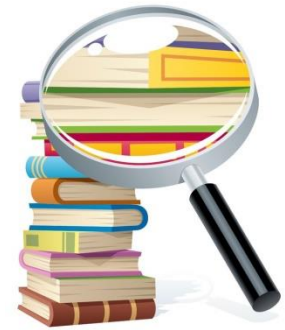
Requirements Elicitation Techniques

- **Focus Groups** – A focus group is a means to elicit ideas and attitudes about a specific product, service or opportunity in an interactive group environment. The participants share their impressions, preferences and needs, guided by a moderator
- **Requirements Workshop** –A workshop may be used to scope, discover, define, prioritize and reach closure on requirements for the target system. Well-run workshops are considered one of the most effective ways to deliver high quality requirements quickly



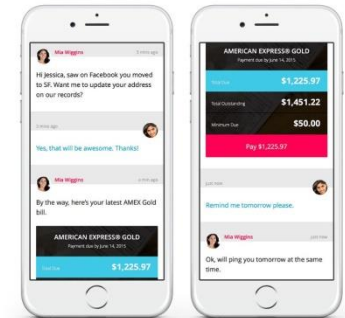
Requirements Elicitation Techniques

- ***Document Analysis*** – Review existing documentation – Document Analysis is a means to elicit requirements of an existing system by studying available documentation and identifying relevant information
- ***Card sorting*** – Is a technique in which cards are provided to the client according to the name of domains entity. Card sorting shows how much customer has knowledge of the domain

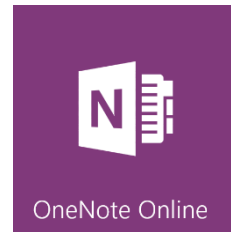


Requirements Elicitation Techniques

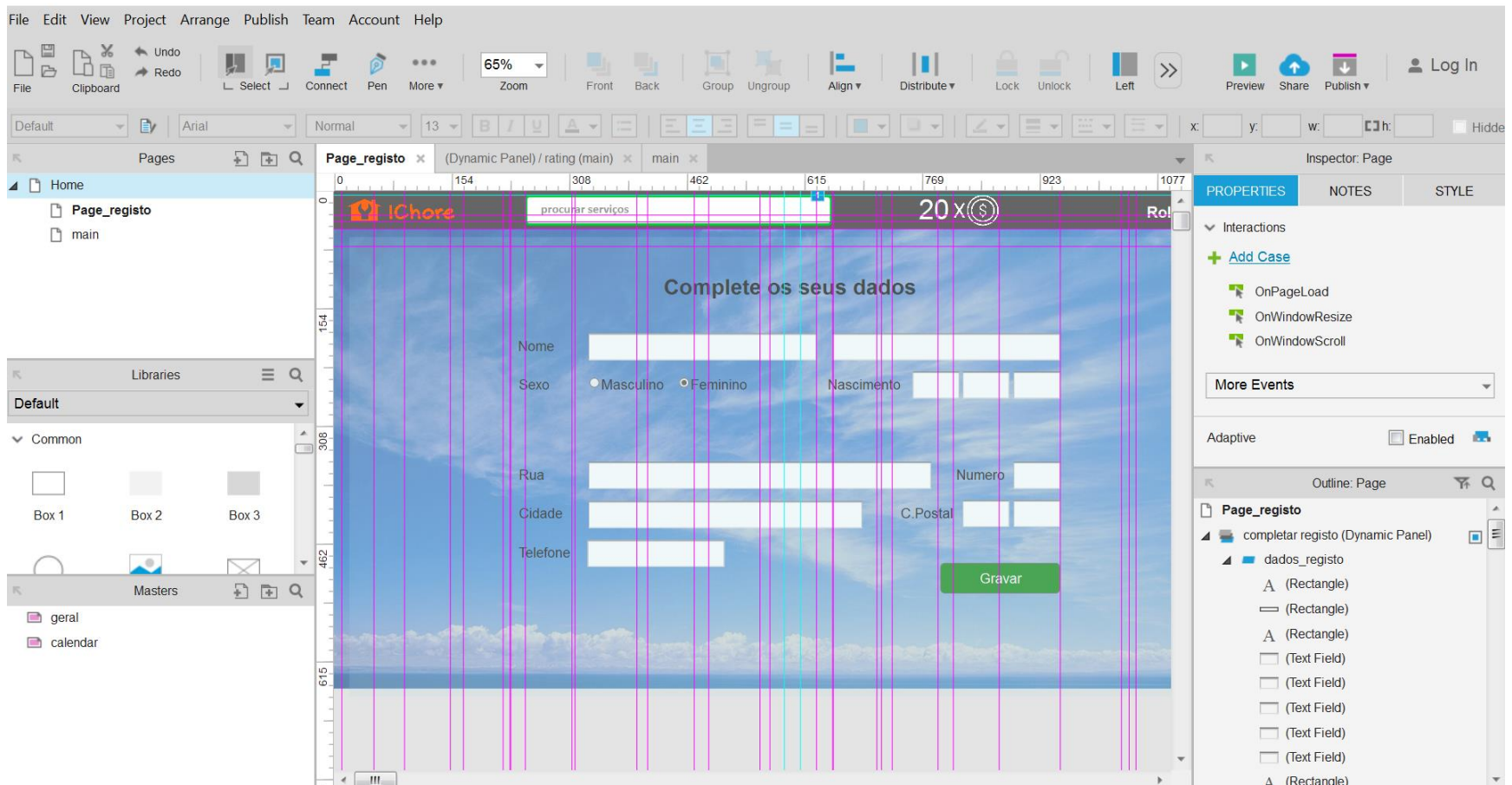
- ***Interface analysis*** – Used to identify interfaces between solutions and/or solution components and define requirements that describe how they will interact.
- ***Direct/Passive Observations*** – is carried out with/without the direct involvement of the observer in the society.



Tools



Axure



Axure

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procurar serviços 20x Rolando

Complete os seus dados

Nome

Sexo ☐ Masculino ☐ Feminino Nascimento

Rua Numero

Cidade C.Postal

Telefone

Gravar

Questionar, card-sorting



Optimal Workshop

Create study



Treejack
TREE TEST



OptimalSort
CARD SORT



Chalkmark
FIRST-CLICK TEST



Questions
SURVEY FORM

References

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<http://www.theitba.com/elicitation-tasks-and-techniques/>