IMPACT OF MONSOONSIM ON UTM STUDENTS

Researchers:

Dr. Mohamad Shah Kassim@

En. Shafudin Mohd Yatim@

Dr. Zulkifli Khair@

@Azman Hashim International Business School (AHIBS), Universiti Teknologi Malaysia.

October 2018

Aim and objectives of Study

Aim:

To solicit information from respondents on the impact of MonsoonSIM on UTM students.

Objectives:

- To identify the impact of MonsoonSIM on the understanding of Business concepts and ERP concepts among UTM students.
- To identify the impact on MonsoonSIM on students who are employed.
- To identify the impact of MonsoonSIM who are currently not employed.

Literature Review

Past studies conducted on the effect of gamification and business simulations on students.

Shafudin, M.Y., Goh C.F, Raihanatul Z. (2018). Factors Influencing Use of MonsoonSIM Business Simulation by UTM Undergraduate Students. International Journal of Learning and Development. Vol. (2), pp. 61-79.

Kim, J.B., Watson, E.F. (2017). Exploring practical potentials of business simulation games. Proceedings of the 50th Hawaii international Conference on system sciences.

Kim, J.B. (2015). Study on the use of serious games in business education. LSU Doctoral Dissertations. Louisiana State University.

Avramenko, A. (2012). Enhancing students' employability through business simulation. Education + Training. Vol. 54, no. 5, pp. 355-367.

Seethamraju, R. (2011). Enhancing student learning of enterprise integration and business process orientation through an ERP business simulation game. Journal of information systems education. Vol. 22(1).

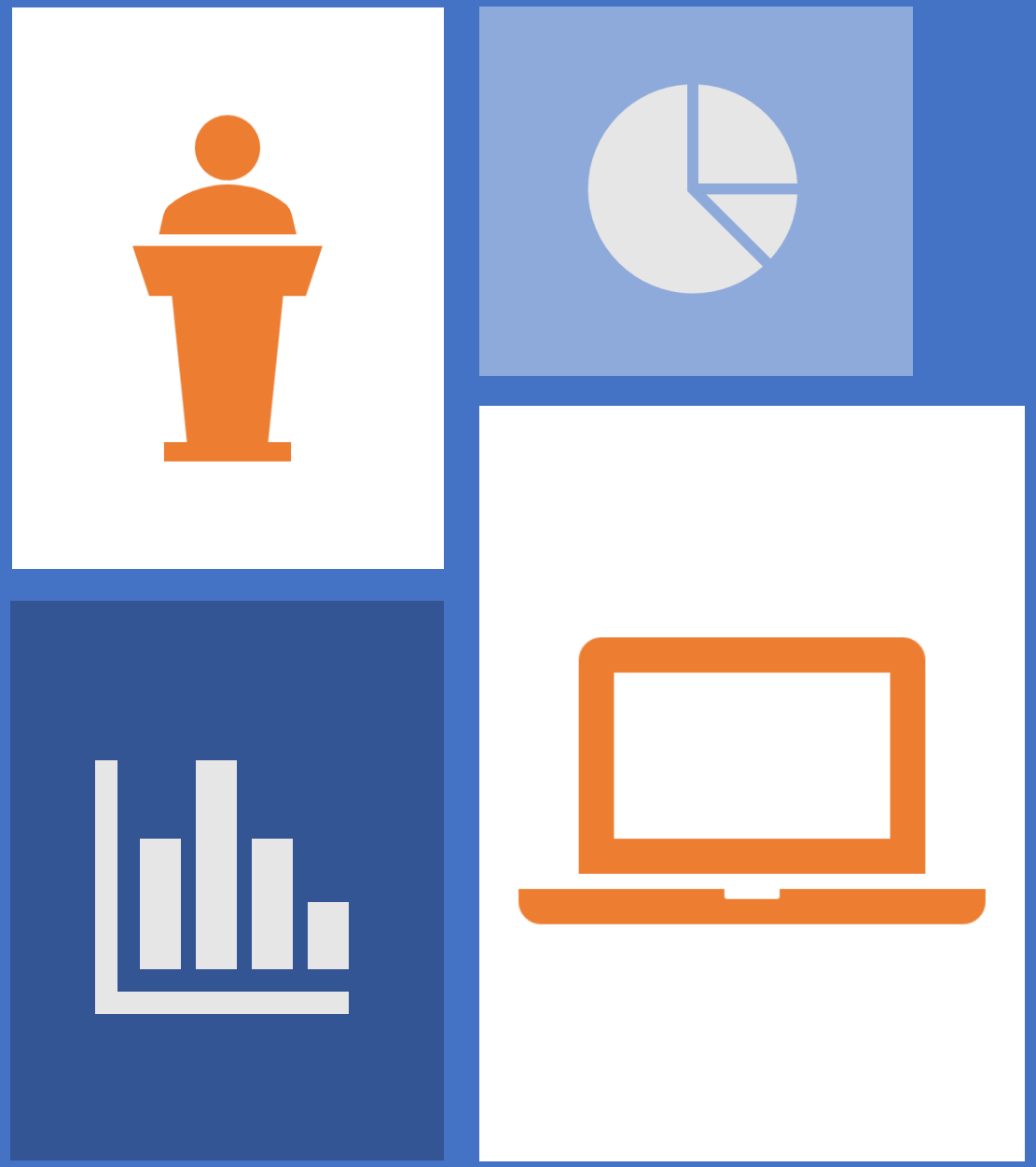
Deshpande, A.A., Huang, S.H. (2008). Simulation Games in Engineering Education: A state of the art review.

Doyle, D., Brown, F.W. (2000). Using a business simulation to teach applied skills- the benefits and the challenges of using student teams from multiple countries. Journal of European Industrial Training.

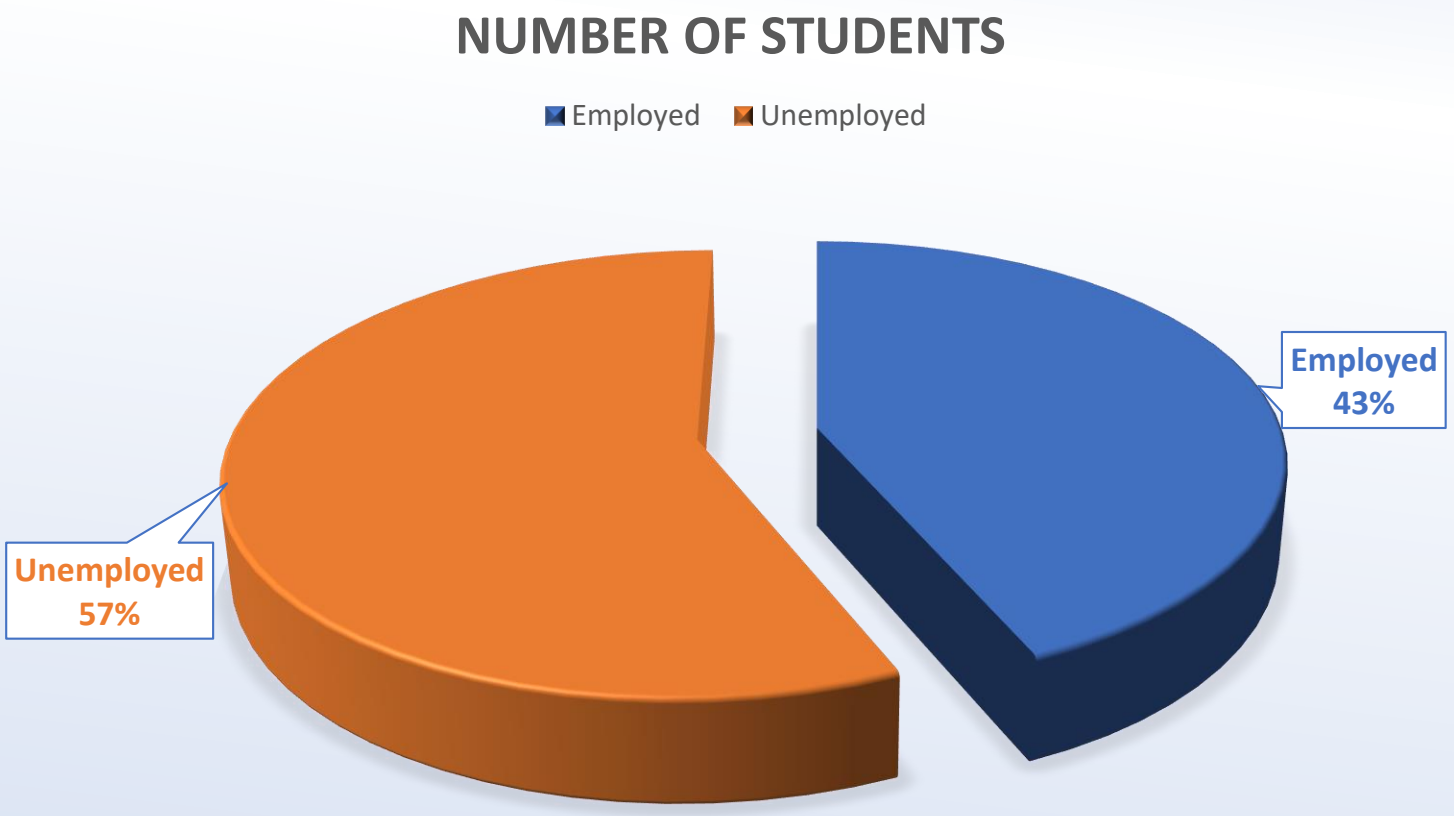
Strachan, L. (xxxx). Teaching employability skills through simulation games. Journal of Pedagogic Development. Volume 6, Issue 2.

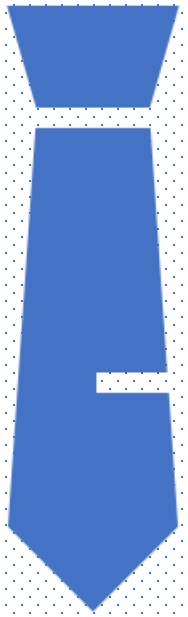
Methodology

- Quantitative Study
- Questions are designed and derived from MonsoonSim's website and previous studies.
- Population: UTM students who have used MonsoonSim from 2016 until 2018.
- Sample: Convenient sampling and e-questionnaires (google form) were distributed.
- Likert scale
  - 5=strongly agree; 4=agree; 3=neutral; 2=disagree; 1=strongly disagree
- Data analyzed using descriptive statistics such as frequency & percentage.
- 120 respondents are divided into two categories: employed and not employed.



Are you currently employed?





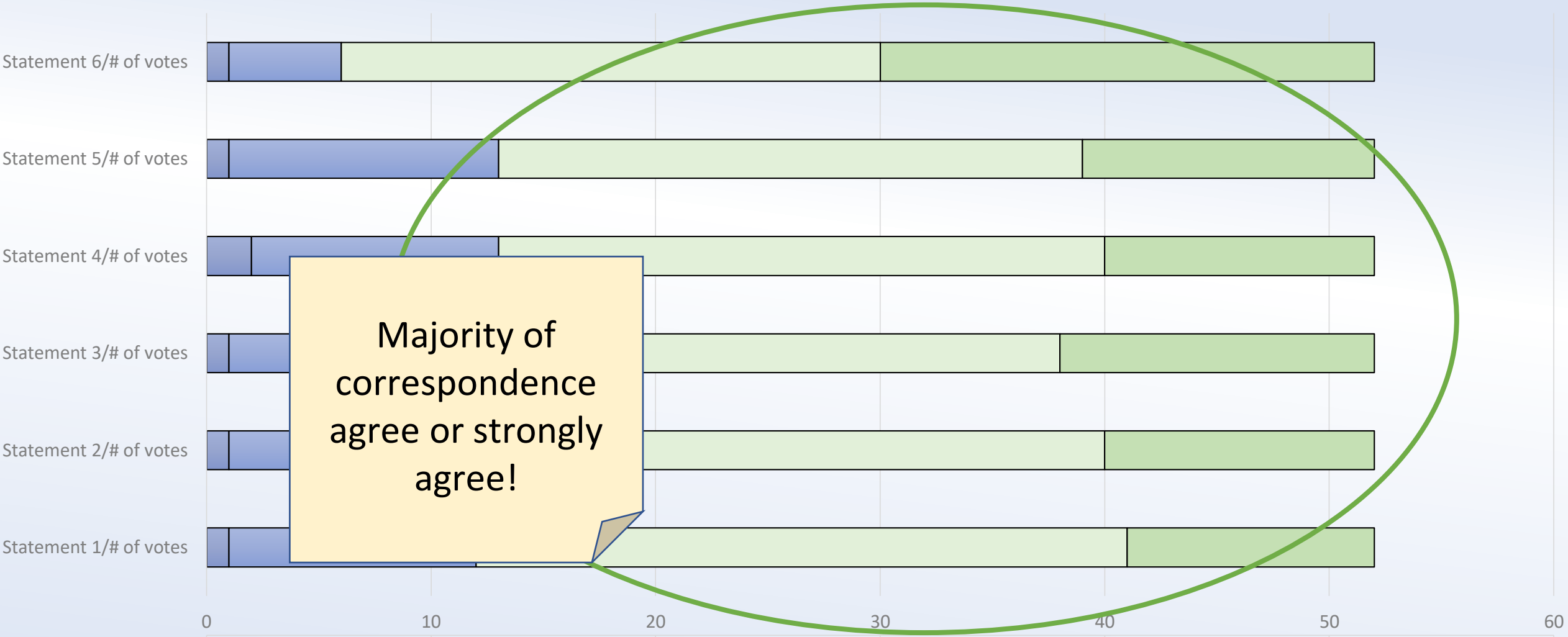
Employed Respondents

Your Task Involve:

Rank these statements to how much you agree or disagree with them. 5 being strongly agree to 1 being strongly disagreed.

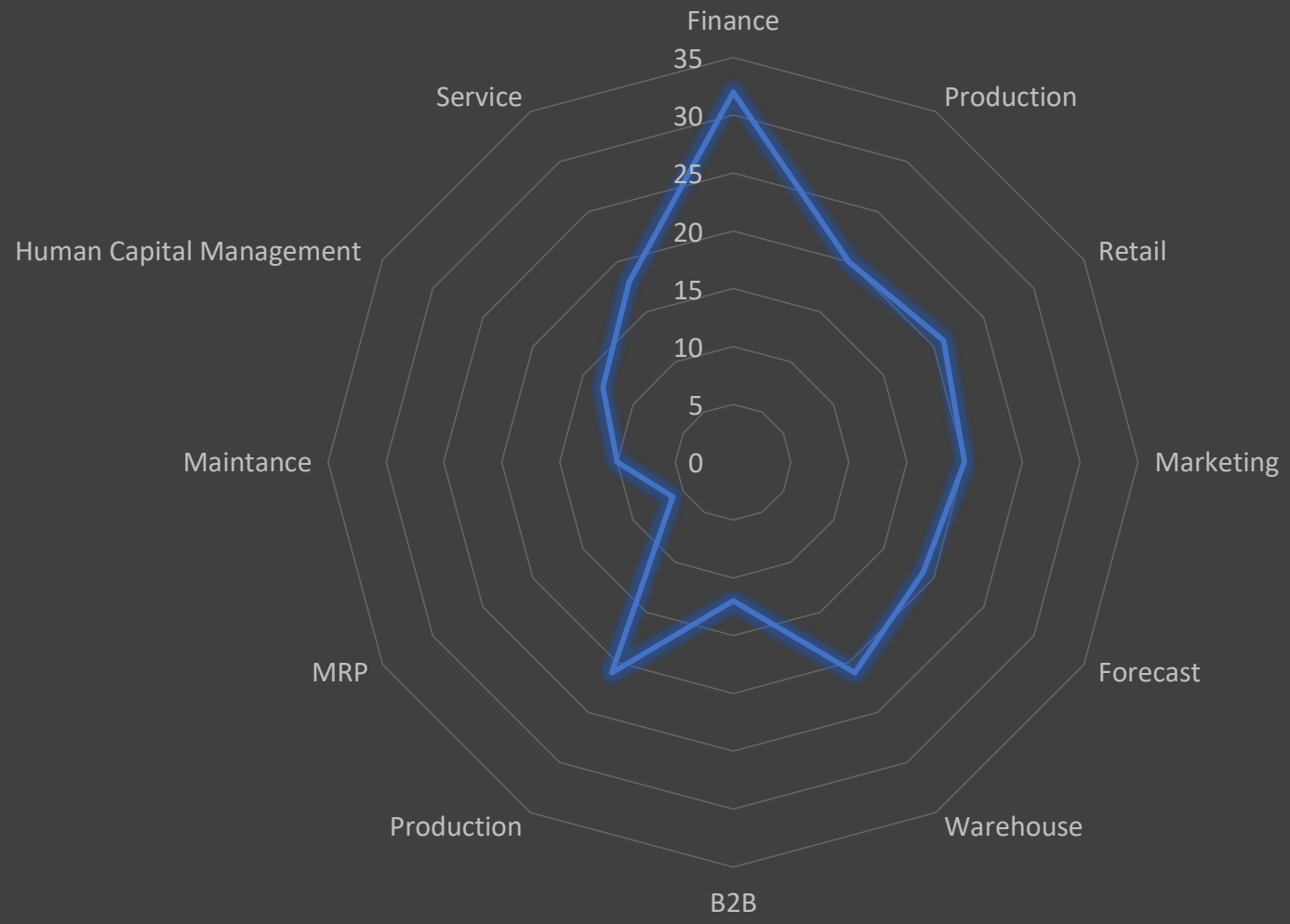
1. The MonsoonSIM has expanded my knowledge about how a business enterprise is being run. The MonsoonSIM has improved my understandings on the connections among various departments.
2. The MoonsoonSIM also enabled me to understand the failure of one department can impact the other departments.
3. The Monsoon SIM enabled me to better understand the concept of product costing.
4. The Monsoon SIM enabled me to improve understanding on the concept of procurement and supply chain management.
5. MonsoonSIM has highlighted the importance of teamwork at the workplace.
6. Overall MonsoonSIM has improve my performance at the workplace.

To what extend do you agree to positive statements about MonsoonSIM?



	Statement 1/# of votes	Statement 2/# of votes	Statement 3/# of votes	Statement 4/# of votes	Statement 5/# of votes	Statement 6/# of votes
Strongly Disagree	0	0	0	0	0	0
Disagree	1	1	1	2	1	1
Neutral	11	10	12	11	12	5
Agree	29	29	25	27	26	24
Strongly Agree	11	12	14	12	13	22

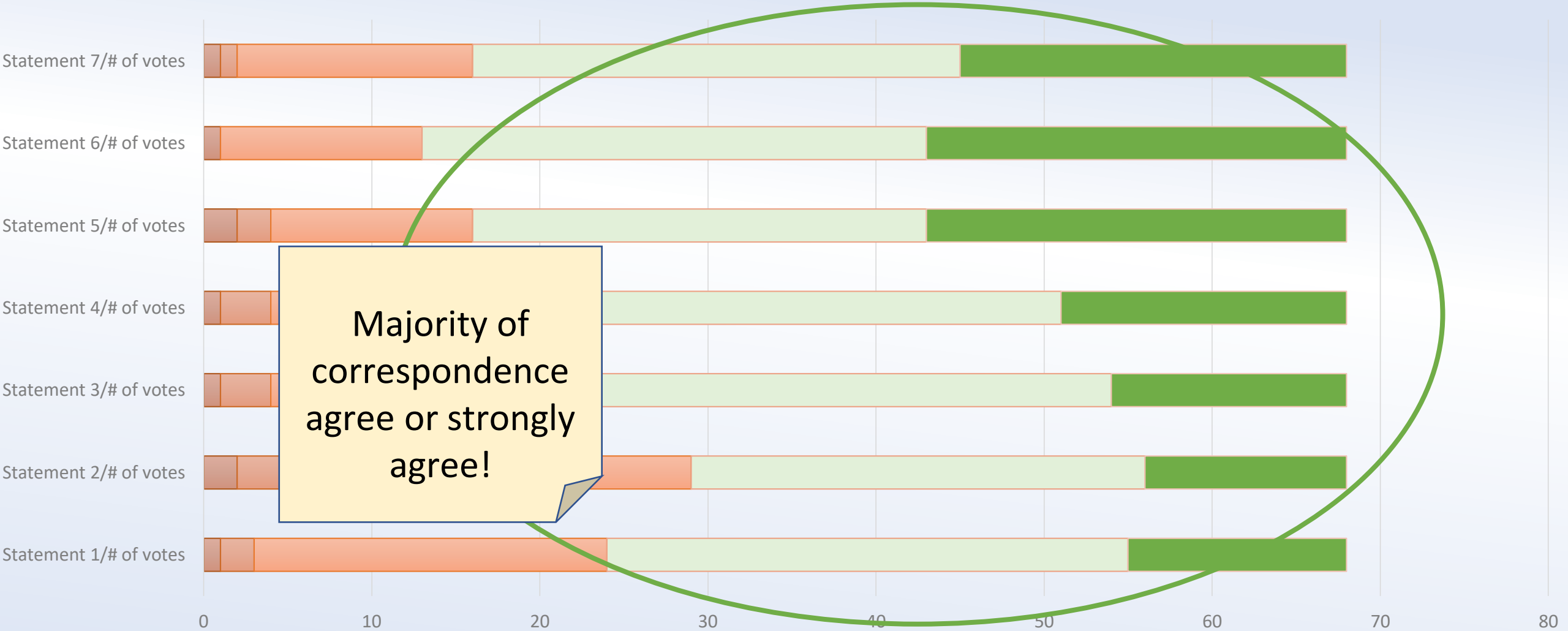
Which MonsoonSIM's function that had benefited you the most in terms of learning about enterprise resource management?

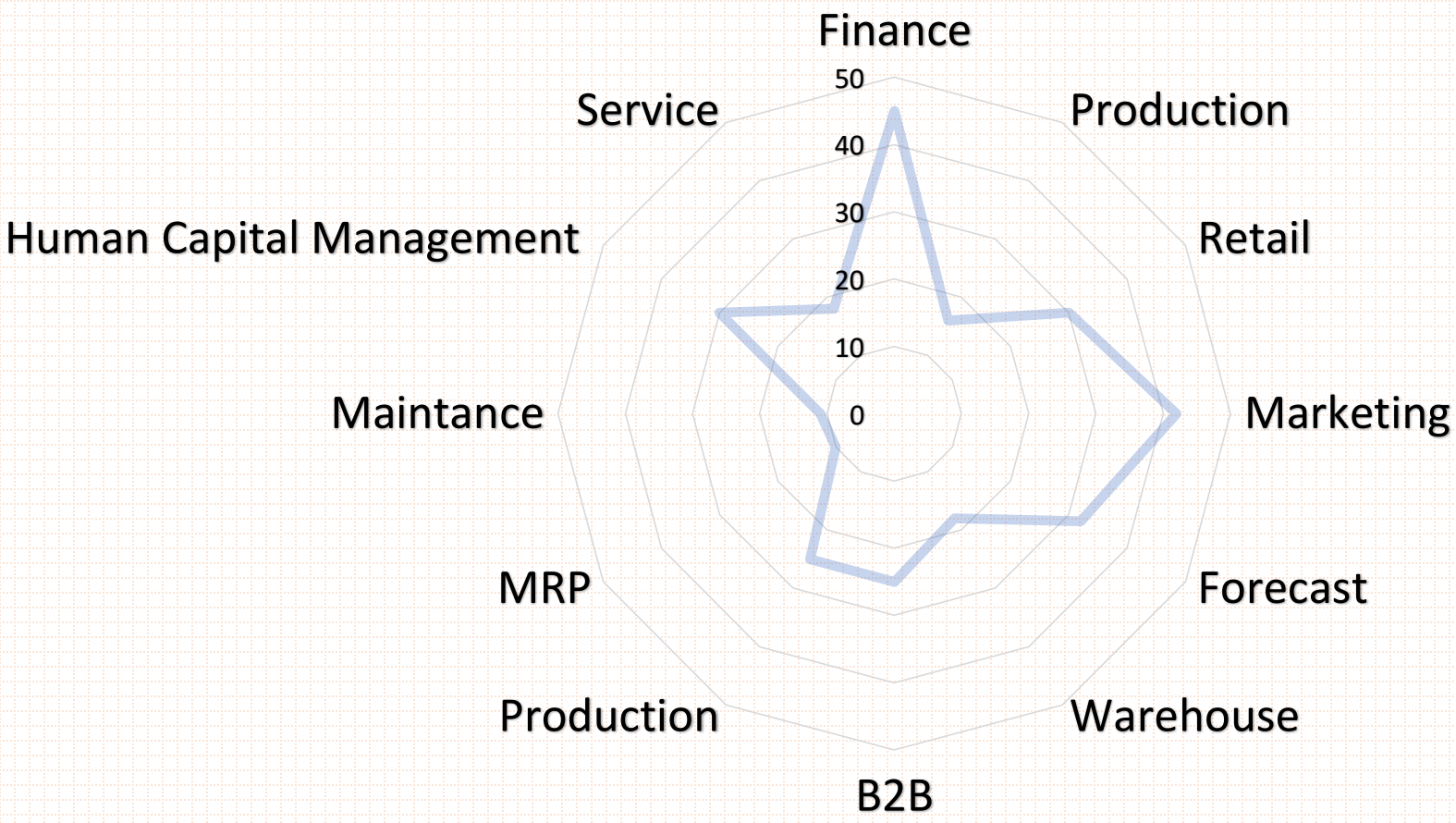


Unemployed Respondents

Rank these statements to how much you agree or disagree with them. 5 being strongly agree to 1 being strongly disagreed.

1. I think that playing MonsoonSIM will help me better prepare for my job.
2. Playing MonsoonSIM will enable me to get the better job that I like.
3. Playing MonsoonSIM will help me to make a better choice regarding my job.
4. I believe that playing MonsoonSIM will improve my competence as a worker.
5. I like complex simulation games such as MonsoonSIM because I enjoy trying to figure them out.
6. I play MonsoonSIM because I can learn about things that interests me.
7. I like to figure out how to do well in the MoonsoonSIM on my own.



	Statement 1/# of votes	Statement 2/# of votes	Statement 3/# of votes	Statement 4/# of votes	Statement 5/# of votes	Statement 6/# of votes	Statement 7/# of votes
Strongly Disagree	1	2	1	1	2	1	1
Disagree	2	4	3	3	2	0	1
Neutral	21	23	19	10	12	12	14
Agree	31	27	31	37	27	30	29
Strongly Agree	13	12	14	17	25	25	23

Which MonsoonSIM's function that had benefited you the most in terms of learning about enterprise resource management?