

Portland State University

**PDXScholar**

---

Engineering and Technology Management  
Student Projects

Engineering and Technology Management

---

Fall 2020

# Initial Decision Framework for the Implementation of Virtual Teams

Duane Murray  
*Portland State University*

Jeffrey Pinkerton  
*Portland State University*

Yaya Sirimongkarakorn  
*Portland State University*

Mohammed Thawab  
*Portland State University*

Mohammed Zaid  
*Portland State University*

Follow this and additional works at: [https://pdxscholar.library.pdx.edu/etm\\_studentprojects](https://pdxscholar.library.pdx.edu/etm_studentprojects)



Part of the [Strategic Management Policy Commons](#), and the [Technology and Innovation Commons](#)

**Let us know how access to this document benefits you.**

---

## Citation Details

Murray, Duane; Pinkerton, Jeffrey; Sirimongkarakorn, Yaya; Thawab, Mohammed; and Zaid, Mohammed, "Initial Decision Framework for the Implementation of Virtual Teams" (2020). *Engineering and Technology Management Student Projects*. 2297.

[https://pdxscholar.library.pdx.edu/etm\\_studentprojects/2297](https://pdxscholar.library.pdx.edu/etm_studentprojects/2297)

This Project is brought to you for free and open access. It has been accepted for inclusion in Engineering and Technology Management Student Projects by an authorized administrator of PDXScholar. Please contact us if we can make this document more accessible: [pdxscholar@pdx.edu](mailto:pdxscholar@pdx.edu).



# *Title: Initial Decision Framework for the Implementation of Virtual Teams*

Course Title: Communication and Team Building

Course Number: ETM 522

Instructor: Dr. Charles Weber

Term: Fall

Year: 2020

Author(s):

Duane Murray [murray27@pdx.edu](mailto:murray27@pdx.edu)

Jeffrey Pinkerton [jdpinker@pdx.edu](mailto:jdpinker@pdx.edu)

Yaya Sirimongkarakorn [tasiya@pdx.edu](mailto:tasiya@pdx.edu)

Mohammed Thawab [mthawab@pdx.edu](mailto:mthawab@pdx.edu)

Mohammed Zaid [msz@pdx.edu](mailto:msz@pdx.edu)

ETM OFFICE USE ONLY

Report No.:

Type:

Note:

Student Project

## **Abstract**

Virtual teams have been used in varying degrees by organizations over the last several decades. The COVID-19 pandemic has required organizations to increase their use of virtual teams for survival. This increase has placed the positive and negative aspects of working within this virtual paradigm into the spotlight, requiring organizational management and employees to adapt abruptly. This has led to individuals adopting sets of technical tools for communicating and working together in a virtual environment. Identifying and examining the critical perspectives and components for virtual team success, this paper seeks to initiate a framework to help an organization decide if the use of virtual teams are productive for use within its business model.