

## EDTC 814 - PROJECT 1 SIMULATION CASE STUDY

Harvard Business Publishing Leadership and Team Simulation: Everest V3

<https://forio.com/app/harvard/everest/>

Username: [edidi112@yahoo.com](mailto:edidi112@yahoo.com)

Dr. Z : [lzieger@njcu.edu](mailto:lzieger@njcu.edu) (Red Pandas- Environmentalist)

Password: njcucohort5

### **Team: Black Bears**

Edith Adewumi - Leader

Iris Castillo - Physician

Karen Cotter - Photographer

Terri Evans - Marathoner

Adnan Ezad - Environmentalist

### **The Climb**

Your simulated climb will last six days. Each day you have the option of climbing to the next camp above you.

It will take five days to pass through all four camps to reach the summit, *so you have one day of slack in your schedule.*

You don't need to plan for hiking back down to Base Camp before the simulation ends after day 6.

### **How to Play**

On each day of the climb, carefully review the available information about personal, team, and mountain conditions.

The dashboard on the left provides quick access to key screens and information. Health, weather, hiking speed, and supplies statuses are updated each day. Click on any of these icons to open a full screen with more details.

The navigation bar on the right allows you to toggle between the Role Info, Everest Map, Day Info, and Make Decisions screens, as well as the screens for health, weather, hiking speed, supplies, and chat.

### **Role Information**

Begin by carefully reviewing your role information. This screen contains information about your goals, which are weighted by importance using a point system. Success will be measured for both you and your team by the percentage of goals you achieve.

Make sure to carefully review the goals and priorities listed in your role profile, as they will affect decisions you make during the climb.

### **Everest Map**

The Everest Map screen helps you track where you and your teammates are on the mountain. Climbing Mt. Everest is difficult and dangerous. Most of the time, not everybody will make it to the summit. If your health deteriorates to the point where you are no longer able to climb, you will be rescued and returned to Base Camp. If you are rescued, it's important to continue communications with your team to help them complete their climb.

### **Day Information**

Each day, the Day Info screen provides key updates on what happened in the last round, as well as new information about the day ahead.

It is important to read this information each day to understand what is happening on the mountain.

### **Make Decisions**

After you have reviewed the available information, talked with your team, and considered your options, you're ready to submit your decisions for a given day.

On the initial days, you simply decide whether or not you want to ascend to the next camp. As you progress, you will face additional choices on this screen. For example, your team may have to decide how many oxygen canisters to use, or what time to begin climbing, for your final ascent to the summit.

Some team members have additional responsibilities. For example, the physician dispenses medical supplies from this screen, and the marathoner makes weather predictions each day. Although you're climbing the mountain as a team, note that everyone submits individual decisions and you can make decisions that are different from those of your teammates.

### **Health Screen**

The health status screen provides an overall indication of your health, categorized as strong, weak, at risk, or critical.

You will also see individual health factors, such as

- Mental Acuity—categorized as Normal or Below Normal
- Frostbite Risk—categorized as Severe or Not Severe
- Altitude Sickness—categorized as At Risk or Not at Risk

Refer to this screen each day, as your health status can change throughout the climb and may impact your decision to advance to the next camp.

### **Weather Screen**

The weather screen shows the weather on the mountain. You can view predictions for any of the camps by using the drop down menu.

### **Hiking Speed Screen**

On the hiking speed screen, you'll see your own speed plus the speed of your fellow climbers. Hiking speed is updated each round.

### **Supplies Screen**

The supplies screen shows your personal food supply and the shared medical supplies carried by the physician. Note that team members must be located on the same part of the mountain as the physician in order to receive any of these supplies

The supplies include:

- Acetazolamide—an acclimatization drug that can be used to relieve the symptoms of altitude mountain sickness (AMS)
- Gamow Bag—an inflatable pressure bag, large enough to accommodate a person, used to treat severe AMS
- Asthma Inhaler—a pressurized container delivering medicine as a mist that is inhaled into the lungs

The physician is also carrying extra liters of water.

This screen indicates how many times a particular medical supply can be distributed. If a supply is distributed when there is not sufficient cause for it, it will have no effect.

### **Chat**

You can talk face to face with your teammates if you're sitting together, but the chat window also enables virtual conversation. Simulating a walkie-talkie system, the chat feature allows you to communicate online with the entire team, or with individual climbers on your team.

It's up to you to choose the best mode of conversation for the situation.

## **Final Notes**

Advancing to the next day

Either your team leader or your instructor will advance the simulation to the next day, depending on how your exercise is configured. The team leader should not advance the simulation until all climbers have submitted their decisions.

Surveys

Your instructor may also enable a survey about your experience to appear after days 3 and 6. If you receive this survey, you should complete the questions individually and not as a team. The answers may be used in the debrief of the simulation.

## **Leader Role:**

You have done climbs in the Himalayas for more than 15 years. In fact, you have been to the summit of all the 8,000 meter peaks in the world (of which there are 14), and you have reached the summit of Mt. Everest five times. You are a far more experienced high-altitude mountaineer than anyone else on your team. No one else has climbed more than four 8,000 meter peaks.

You have an interesting sponsorship deal with a major outdoor gear company. It is going to pay you \$1 million, but only if you capture photos and video of yourself on the summit wearing the company's gear.

You would like all the climbers on the expedition to reach the summit and would also like to reach the top yourself, as you have promised your spouse and children that this is the last time you will tackle Everest. In short, this is your last shot to climb to the top of the world, and you want to make the most of it.

## **Score Calculations:**

<b>Goals</b>	<b>Points</b>
Reach the summit	2
Avoid rescue	3
All climbers reach the summit (point per climber)	5

All climbers avoid rescue (point per climber)	5
All climbers stay together through Camp 4	1
All climbers stay together through summit	1
<b>Possible points for goals</b>	<b>17</b>

**Bonus points** (revealed during simulation)

Hidden challenge	1
Hidden challenge	1
Hidden challenge	1
<b>Possible bonus points</b>	<b>3</b>

**Total possible points** **20**