

**Minnesota Technology Challenge
2010-2011
Advanced Architectural Division**

Problem: Ski Chalet

With increased visitors to Vail ski mountain, executives at Vail Corp. are looking into setting up a new ski area. They are considering Lake Tahoe in northern California. There are many small profitable resorts, but with one of the resorts closing down, they would like to capitalize on this opportunity. They are demolishing the small family lodge and would like to build a large ski area, which would include a chalet and ski runs. There is a need for accessibility from every side because 50% of the runs will merge together. Food and shops, tailored for all ages, will need to be included.

Specifications:

Must include:

1. 3 stores including clothes,
and equipment for both ski and snowboarders
2. food court area
3. large main entrance
4. repair shop
5. ticket area
6. decking with chairs
7. large viewing windows
8. multiple bathrooms
9. large parking area