Esta es una manera.

FacesContext context = FacesContext.getCurrentInstance();

ExternalContext externalContext = context.getExternalContext();

Object session = externalContext.getSession(false);

HttpSession httpSession = (HttpSession) session;

httpSession.invalidate();

esta es otra manera.

@ManagedBean  
@SessionScoped  
public class UserManager {  
  
    private User current;  
  
    public String logout() {  
        FacesContext.getCurrentInstance().getExternalContext().invalidateSession();  
        return "home.xhtml?faces-redirect=true";  
    }  
  
    // ...  
  
}