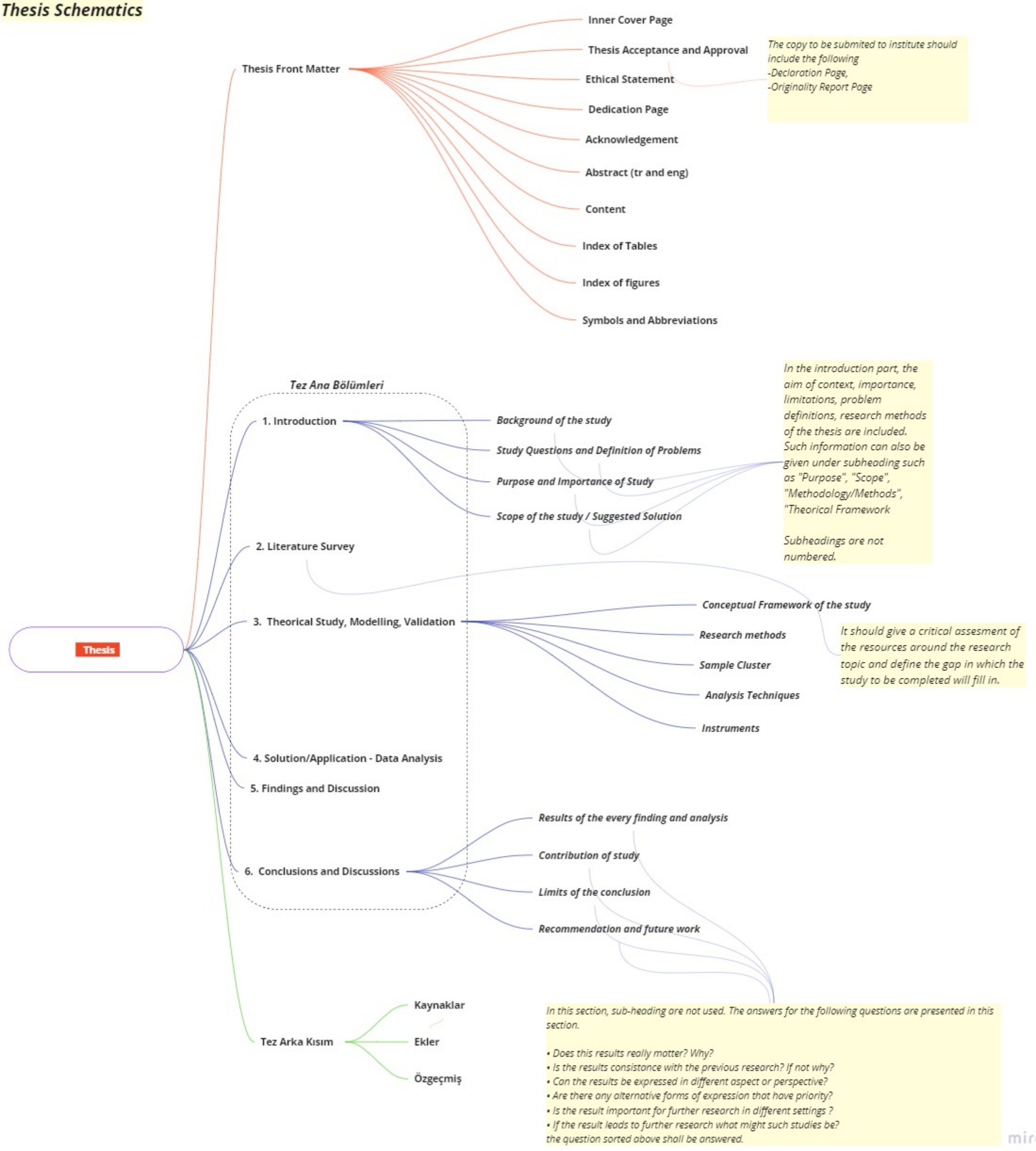Thesis Schematics