**Chapter 1**

**Introduction**

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Web applications consist of diverse components including traditional and nontraditional software, interpreted scripting languages, plain HTML files, mixtures of HTML and programs, databases, graphical images, and complex user interfaces. [1] A web application is available anywhere a connection to the internet is found. This means a web application is not tied to a specific computer like a traditional software application, allowing for more accessibility and ease of use. The tremendous reach of Web applications into all areas of communication and commerce makes this one of the largest and most important parts of the software industry.[1]

* 1. **Application**
  2. **Motivation**
  3. **Recent Developments**