Register for Class
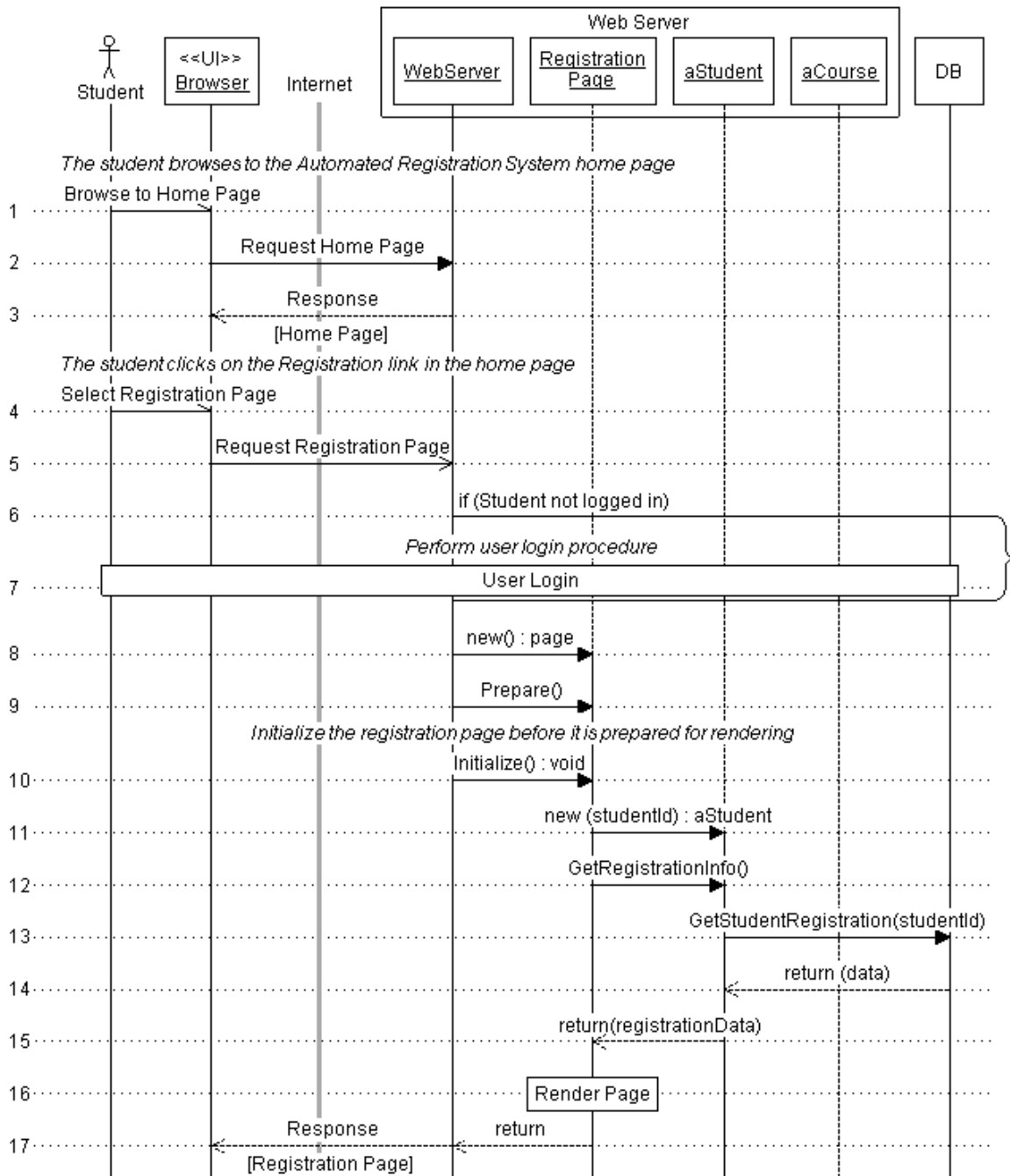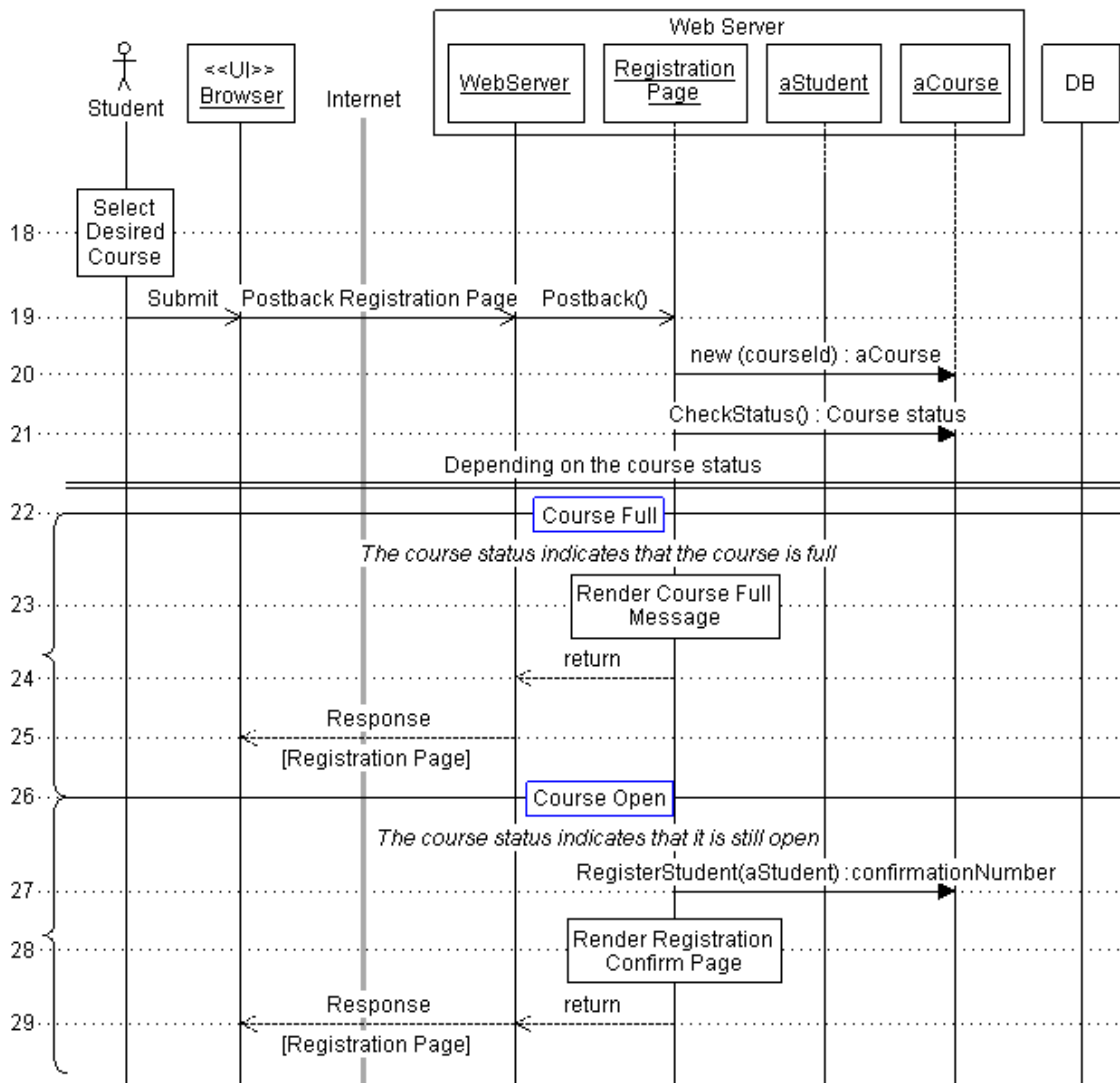
A student registers for a class through the web interface. Both course full and course open scenarios are shown.

			Web Server				
Student	<<UI>> Browser	Internet	WebServer	Registration Page	aStudent	aCourse	DB

The student browses to the Automated Registration System home page

1 Browse to Home Page

2 Request Home Page

3 Response [Home Page]

The student clicks on the Registration link in the home page

4 Select Registration Page

5 Request Registration Page

6 if (Student not logged in)

Perform user login procedure

7 User Login

8 new() : page

9 Prepare()

Initialize the registration page before it is prepared for rendering

10 Initialize() : void

11 new (studentId) : aStudent

12 GetRegistrationInfo()

13 GetStudentRegistration(studentId)

14 return (data)

15 return(registrationData)

16 Render Page

17 Response [Registration Page]   return

Register for Class

2	The browser requests the home page from the web server
3	Web server responds with the home page
5	Browser requests the registration page
6	Web server checks to see if the student is properly logged in
8	Web server creates a new instance of the registration page class
9	Web server invokes the Prepare method on the registration page, which renders the page
12	The registration page obtains the existing registration information from the student
16	Registration Page renders the page for the student based on existing registration data
18	The student selects the course in which they want to register

19	Once the desired course is selected, the student submits the page. The browser performs a postback on the registration page. The webserver informs the page of the postback
20	The page creates a course object based on the selected course
21	The page checks the status of the course
25	The registration page shows the course full message