PRINCIPLES OF VISUALIZATION / 2I1711
PROJECT 2 GROUP REPORT

Presented by Group 6:

NOT APPROVED

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1. PROJECT IDEA

Our original idea was to present the life-cycle of a well known star, in an
interactive, easy to use way. Our target group is basically all ages, as people
from different educational and technological backgrounds should be able to use our
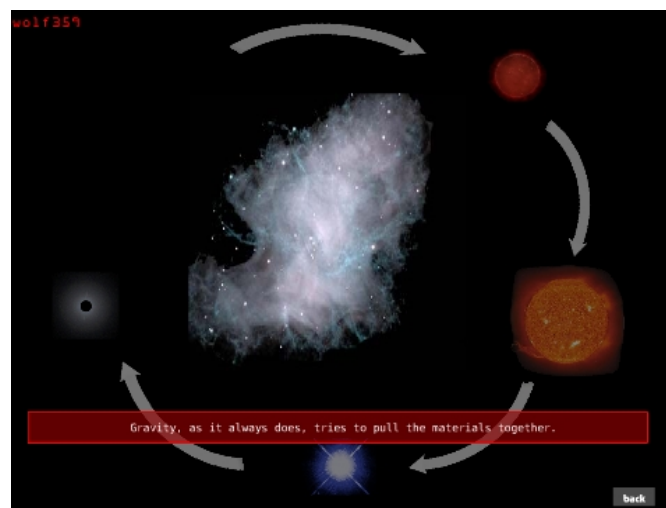applet.

2. DATA COLLECTION

This was not a difficult part. Our chosen star Wolf359, one of the well known,
well observed stars. Relevant data on that star was available upon searching.

3. SOFTWARE USED

We used Macromedia Flash 8, as we believe it is the most convenient tool to
present an interactive visualization of any kind, not to mention the elegant
graphics and the various effects that can be added to further enhance the
experience.

4. PRESENTATION METHOD

Apart from our Michael Jackson intro, the user will be able to see 5 clickable
images placed in a circular manner, each representing a phase in the life of that
star. Upon clicking on an image, the user will see that image enlarging to fill up
the center of the screen. Then, a voice narrator will start telling the audience a
little story, visually aided by subtitles.

5. OBSTACLES FACED

Synchronizing sound and subtitles was our biggest challenge. Macromedia Flash 8
has serious problems synchronizing frames and time-line dependent sound files.
We solved this problem by creating sound objects, then calling them upon the user
performing the clicking action. This seemed to solve the problem completely.